



January 15, 2016

Kathryn Cerise
USEPA, Region VIII (8EPR-SR)
1595 Wynkoop Street
Denver, CO 80202

RE: Richardson Flat OU2 and OU3 Quarterly Status Report for October through December 2015.

Dear Mrs. Cerise,

This Quarterly Status Report details site activities conducted at Richardson Flat OU2 and OU3 (Site) for October through December 2015.

Activities Conducted:

- Please see attached Data Quality Assurance Review, which evaluates surface water and groundwater collected in May 2015.
 - Laboratory results and maps of sample locations were previously attached to the Second Quarterly Status Report emailed on 7/14/15.
- Continued sampling activities in accordance with the SAP.
 - 10/6/2015 and 10/7/2015: Completion of quarterly groundwater sampling.
 - 10/8/2015 and 10/9/2015: Completion of quarterly surface water sampling.
 - 11/20/2015 and 12/18/2015: Collected water level measurements from groundwater piezometers.

Other Activity:

- Continued to analyze data, looking for trends and other information needed to complete EE/CA.

Planned Activities: Quarter 1, January through March 2015

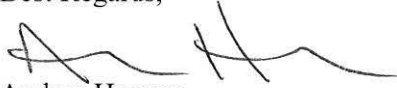
- Continue sampling activities in accordance with the SAP.
 - January:
 - Collect water level measurements from groundwater piezometers.
 - February:
 - Complete monthly water level measurements from groundwater piezometers.
- Continue to study collected data.
- Provide sample results to landowners as requested in access agreements.

Planned Activities: Quarter 2, April through June 2016

- Continue to study collected data.

If you should have any questions or comments, please contact myself at 435-333-6603 or Kerry Gee at 435-333-6601.

Best Regards,

A handwritten signature in black ink, appearing to read 'Andrea Hannan', with a stylized flourish at the end.

Andrea Hannan
Environmental Project Manager
ahannan@unitedpark.com
UNITED PARK CITY MINES COMPANY

Attachment

Cc: Kerry Gee, Kevin Murray, Dan Wall, John Isanhart, Christine Cline, Muhammad Slam, Jim Fricke, Nicole Squires, Allen Jones, Amelia Piggott, Sandra Allen, Dana Jacobsen, Heather Shilton, Brad Johnson, Kent Sorenson, Casey Padgett

DATA QUALITY ASSURANCE REVIEW

Richardson Flat Tailings Site Operable Unit 3

Park City, Utah

December 30, 2014

Prepared for:

United Park City Mines Company
P.O. Box 1450
Park City, UT 84060

Prepared by:

Tess Byler

GEOSPHERE CONSULTANTS, INC.
An ETS Company
2001 Crow Canyon Road, Suite 210
San Ramon, CA 94583

This page is blank to facilitate double sided printing.

TABLE OF CONTENTS

1. SUMMARY	1
2. REVIEW OF SAMPLING OBJECTIVES	1
3. FIELD PROCEDURES REVIEW	2
4. SAMPLE INVENTORY	3
5. DATA QUALIFIERS	4
6. ANALYTICAL REVIEW	5
6.1 SAMPLE PRESERVATION AND HOLDING TIMES	5
6.2 METHOD BLANKS	5
6.3 LABORATORY CONTROL SAMPLES	5
6.4 LABORATORY DUPLICATES	5
6.5 MATRIX SPIKE DUPLICATES	6
6.6 FIELD DUPLICATES	6
6.7 FIELD EQUIPMENT BLANKS	13
4. CONCLUSION	13
5. REFERENCES	13

LIST OF TABLES

Table 1: Sampling and Analysis Objectives
Table 2: Water, Soil, and Sediment Samples Included in Quality Assurance Review
Table 3: Laboratory Data Qualifier Definitions
Table 4: Matrix Spike Results Reported Outside Recovery Limits
Table 5: Field Duplicate Sample Results and RPDs for OU3-0-SO-MRU-3C-0103
Table 6: Field Duplicate Sample Results and RPDs for OU3-0-SO-MRU-1C-0
Table 7: Field Duplicate Sample Results and RPDs for OU3-0-TL-MRU-5B
Table 8: Field Duplicate Sample Results and RPDs for OU3-0-SO-MRU-4D-0
Table 9: Field Duplicate Sample Results and RPDs for OU3-0-SD-SCURFTB
Table 10: Field Duplicate Sample Results and RPDs for OU3-0-SW-SCURFTB

1. SUMMARY

Surface water, tailings, soil and sediment sampling was conducted at Richardson Flat Tailing Site Operable Unit (OU3) in Park City, Utah during November 2014 in accordance with the approved SAP. This report presents the quality assurance (QA) review of sampling objectives, field procedures and validation of laboratory results from samples submitted for laboratory analysis. The QA review was conducted in accordance with the approved project-specific Quality Assurance Project Plan (QAPP, REMC 2014) and U.S. EPA guidance (USEPA 2010 and USEPA 2006).

EPA provided daily oversight during field sampling. A total of 70 samples were collected, including 64 original samples and 6 QA/QC samples. On November 10, 2014, EPA specified that surface water and sediment samples be collected as part of the sampling event. Soil and tailings samples were collected on November 10 to November 12, 2014. Surface water and sediment samples were collected on November 12, 2014. Sample locations are presented in Figure 1 and Figure 2.

The water, soil and sediment samples were analyzed by American West Analytical Laboratories using water, wastewater and soil protocols and Level II quality assurance reporting for the metals, metalloids, and other non-metallic compounds and parameters presented in Attachment 1.

The quality review indicates that the data generated during the implementation of the SAP are of good quality and acceptable for their intended use.

2. REVIEW OF SAMPLING OBJECTIVES

The goal of the sampling effort, as specified in the approved SAP (RMC, 2014) was to collect data to define the nature and extent of contamination and to collect data needed to evaluate potential risks posed to human and ecological receptors by metals in surface water, shallow groundwater, soils, sediments, tailings and biota in the vicinity of OU2 and OU3. Review of field procedures and laboratory data indicate that the information generated have largely met the objectives specified in the approved SAP (Table 1).

Media	Sampling and Analysis Objectives – Richardson Flat OU3 – Sample Locations	Assessment
Soil Samples	<ul style="list-style-type: none">• Determine nature and extent of contaminated surface and subsurface soils.• Determine exposure of humans and ecological receptors to metals.• Prepare estimates of contaminated soil volumes• Complete sampling objectives described in Section 2.0 of the FSP.	Objective Achieved. Additional data may be needed to better determine depth of contamination.

Sediment Samples	<ul style="list-style-type: none"> • Determine nature and extent of contaminated sediments. • Determine exposure of benthic macroinvertebrates, fish, wildlife, and wetland plants to metals. • Complete sampling objectives described in Section 2.0 of the FSP. 	Objective Achieved. Methylmercury samples will be collected at a later date.
Surface Water Samples	<ul style="list-style-type: none"> • Evaluate source areas to the extent practicable. • Determine exposure of human and ecological receptors, including benthic macroinvertebrates, fish, and wildlife, to metals. • Complete sampling objectives described in Section 2.0 of the FSP. 	Objective Achieved. Quarterly sampling will proceed as referenced in the FSP.

Table 1: Sampling and analysis objectives for November 2014 sampling event – Richardson Flat OU3

3. FIELD PROCEDURES REVIEW

All data generated during sampling event are housed in the central project files, and maintained in the RMC office. Sample collection followed the procedures in the approved project Quality Assurance Project Plan (QAPP) as summarized below:

- All samples were collected in appropriate containers with appropriate preservatives (where applicable) as supplied by the laboratory;
- All samples were collected following appropriate Standard Operating Procedures as specified in the QAPP;
- All specified field parameters were collected (pH, temperature, conductivity, DO, ORP, flow);
- All field reading instruments were calibrated daily per manufacturer instructions and Standard Operating Procedures as specified in the QAPP;
- All samples were hand delivered to the laboratory as quickly as possible following collection;
- Required field QA/QC samples were collected; and
- All required sample documentation was completed and reviewed (field notes, Chain-of-Custody forms, custody seals, shipping labels).

One surface water sampling location was relocated approximately 100 feet downstream and four soil sampling locations were relocated approximately 100 feet northwest from the proposed sampling locations in the SAP due to accessibility.

The following sample locations were relocated:

- OU3-0-SW-SCBOU4

- OU3-0-SO-MRU-3A-0;
- OU3-0-SO-MRU-3A-0.501;
- OU3-0-SO-MRU-4A-0;
- OU3-0-SO-MRU-4A-0.501;
- OU3-0-SO-MRU-6A-0;
- OU3-0-SO-MRU-6A-0.501;
- OU3-0-SO-MRU-6B-0; and
- OU3-0-SO-MRU-6B-0.501.

These sample location changes did not alter the intent of the SAP in any way.

A field portable X-Ray fluorescence meter (XRF) was used as a screening tool during the sampling event to determine when at-depth soil sampling had reached the vertical extent of contamination. The vertical extent of soil contamination was not determined at all soil sample locations due to depth of contamination and available excavation equipment. The XRF was checked against the RCRA1 180-661 standard daily and the concentrations were within the acceptable range. A summary table of the XRF data is available upon request.

Surface water flows were measured when surface water samples were collected so that metals loading could be determined. The flow meter was calibrated to standing water in a 5-gallon bucket prior to sampling. A summary table of surface water flow measurements is available upon request.

All work was performed in accordance with the Site Health and Safety Plan, with no incidents logged.

Based on this review, modification or improvements to potential future sampling events may include use of direct-push or other boring equipment to collect soil samples at depths greater than can be sampled by test pit excavations.

4. SAMPLE INVENTORY

A total of 70 samples were collected by Resource Management Consultants, Inc. on November 10, November 11 and November 12, 2014. Sample labeling and ID conventions presented in the SAP were followed and no alterations were made. The samples were hand delivered under chain-of-custody to American West Analytical Laboratories in Salt Lake City, Utah, for analysis of metals, metalloids, and other non-metallic compounds and parameters. These samples are summarized in this review and in the following table.

Sample Date: 11/10/2014		Sample Date: 11/11/2014		Sample Date: 11/12/2014	
Field Sample ID	Laboratory Sample ID	Field Sample ID	Laboratory Sample ID	Field Sample ID	Laboratory Sample ID
OU3-0-SO-MRU-1B-0	1411141-001	OU3-0-SO-MRU-2C-0506	1411161-001	OU3-0-SO-MRU-6D-0	1411184-001
OU3-0-SO-MRU-1B-0.5-1	1411141-002	OU3-0-TL-MRU-2C	1411161-002	OU3-0-SO-MRU-6D-0.501	1411184-002
OU3-0-SO-MRU-1C-0	1411141-003	OU3-0-SO-MRU-1C-0809	1411161-003	OU3-0-SO-MRU-6D-0303.5	1411184-003
OU3-0-SO-MRU-1C-0.501	1411141-004	OU3-0-SO-MRU-1C-0708	1411161-004	OU3-0-SO-MRU-5D-0	1411184-004
OU3-0-SO-MRU-2B-0	1411141-005	OU3-0-SO-MRU-6C-0	1411161-005	OU3-0-SO-MRU-5D-0.501	1411184-005
OU3-0-SO-MRU-2B-0.501	1411141-006	OU3-0-SO-MRU-6C-0.501	1411161-006	OU3-0-SO-MRU-4D-0	1411184-006
OU3-0-SO-MRU-2C-0	1411141-007	OU3-0-SO-MRU-6A-0	1411161-007	OU3-0-SO-MRU-4D-0.501	1411184-007
OU3-0-SO-MRU-2C-0.501	1411141-008	OU3-0-SO-MRU-6A-0.501	1411161-008	OU3-9-SO-MRU-4D-0	1411184-008
OU3-0-SO-MRU-3A-0	1411141-009	OU3-0-SO-MRU-6B-0	1411161-009	OU3-0-SO-MRU-4D-1.502	1411184-009
OU3-0-SO-MRU-3A-0.501	1411141-010	OU3-0-SO-MRU-6B-0.501	1411161-010	OU3-0-SO-MRU-1D-0	1411184-010
OU3-0-SO-MRU-3B-0	1411141-011	OU3-0-SO-MRU-4C-0.501	1411161-011	OU3-0-SO-MRU-1D-0.501	1411184-011
OU3-0-SO-MRU-3B-0.501	1411141-012	OU3-0-SO-MRU-4C-0103	1411161-012	OU3-0-SO-MRU-2D-0	1411184-012
OU3-0-SO-MRU-3C-0	1411141-013	OU3-0-SO-MRU-5B-0	1411161-013	OU3-0-SO-MRU-2D-0.501	1411184-013
OU3-0-SO-MRU-3C-0.501	1411141-014	OU3-0-SO-MRU-5B-0.501	1411161-014	OU3-0-SO-MRU-3D-0	1411184-014
OU3-0-SO-MRU-4A-0	1411141-015	OU3-0-TL-MRU-5B	1411161-015	OU3-0-SO-MRU-3D-0.501	1411184-015
OU3-0-SO-MRU-4A-0.501	1411141-016	OU3-0-SO-MRU-5B-0102	1411161-016	OU3-0-SD-SCRFR	1411184-016
OU3-0-SO-MRU-4B-0	1411141-017	OU3-9-TL-MRU-5B	1411161-017	OU3-0-SD-SCURTFB	1411184-017
OU3-0-SO-MRU-4B-0.501	1411141-018	OU3-0-SO-MRU-5C-0	1411161-018	OU3-0-SD-MRUBP	1411184-018
OU3-0-SO-MRU-4C-0	1411141-019	OU3-0-SO-MRU-5C-0.501	1411161-019	OU3-9-SD-SCURTFB	1411184-019
OU3-0-SO-MRU-3C-0103	1411141-020	OU3-0-SO-MRU-5C-0304	1411161-020	OU3-0-SW-SCRFR	1411184-020
OU3-0-SO-MRU-3C-0304	1411141-021			OU3-0-SW-SCURTFB	1411184-021
OU3-9-SO-MRU-3C-0103	1411141-022			OU3-0-SW-MRUBP	1411184-022
OU3-0-TL-MRU-3C	1411141-023			OU3-0-SW-SCBOU4	1411184-023
OU3-9-SO-MRU-1C-0	1411141-024			OU3-0-SW-SCAOU4	1411184-024
OU3-0-SO-MRU-4B-011.5	1411141-025			OU3-9-SW-SCURTFB	1411184-025

Table 2: Water, Tailings, Soil and Sediment Samples Included in Quality Assurance Review

Sample type is denoted by a sample type code: 0 = normal samples and 9 = field duplicate

Sample media is denoted by a two character sample media code: SW = surface water, SO = soil, TL = tailings and SD = sediment.

5. DATA QUALIFIERS

Various qualifiers may be attached to certain analytical results data by either the laboratories conducting the analyses or by persons performing data validation. These qualifiers are used to indicate QA/QC problems and generally indicate questions concerning chemical identity and/or chemical concentration. Data qualifiers that accompany a quantitative result may reflect analytical deficiencies associated with more than one review criterion found in USEPA data validation guidance. The typical data qualifiers used for QA review and data validation are defined in the following table.

Data Qualifiers	
@	High RPD due to suspected sample non-homogeneity or matrix interference.
1	Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.
2	Analyte concentration is too high for accurate matrix spike recovery and/or RPD.
3	Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.

Table 3: Laboratory Data Qualifier Definitions

6. ANALYTICAL REVIEW

The analytical results are of good quality and acceptable for their use as qualified. The review of sample analytical results and qualifications are presented in the following sections with summary explanations of any sample analysis deficiencies that resulted in changes or additions to laboratory reported quantitative results and data qualifiers. Summary tables with validated analytical results are available upon request.

6.1 SAMPLE PRESERVATION AND HOLDING TIMES

The objective is to determine the validity of the analytical results based on the sample condition and the holding time of the sample from the date of collection to the date of analysis.

Requirements are specified in the project quality assurance/sampling and analysis plan.

All specified requirements were met during the sampling event.

6.2 METHOD BLANKS

The objective of method blank analysis results assessment is to determine the existence and magnitude of contamination resulting from laboratory activities. No contaminants should be detected in laboratory blanks.

There were no reported contaminants in the laboratory method blanks.

6.3 LABORATORY CONTROL SAMPLES

The laboratory control sample (LCS) serves as a monitor of the overall performance of all sample preparation and analysis procedures and is analyzed for each analyte using the same sample preparations, analytical methods, and quality assurance/quality control (QA/QC) procedures as employed for the other samples. QC requirements are specified in the project quality assurance/sampling and analysis plan. All LCS percent recoveries (%R) must fall within the control limits of 85-115%.

All reported LCS sample results are within control limits.

6.4 LABORATORY DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable method precision by the laboratory at the time of analysis. Samples identified as field blanks or performance evaluation (PE) samples cannot be used for duplicate sample analysis. A control limit of 20% for the relative percent difference (RPD) for original and duplicate sample values greater than or equal to five times (5x) the quantitation/reporting limit (QL). A control limit of +/-QL is used if either the sample or duplicate value is less than 5x the QL.

All reported RPD results are within control limits.

6.5 MATRIX SPIKE DUPLICATES

The spiked sample analysis is designed to provide information about the effect of each sample matrix on the sample preparation procedures and the measurement methodology. Non-homogenous samples can impact the apparent method recovery, although aqueous samples are generally homogenous. Samples identified as field blanks or performance evaluation (PE) samples cannot be used for spiked sample analysis. The spike percent recovery (%R) should be within the established acceptance limits. However, spike recovery limits do not apply when the sample concentration is greater than 4x the spike added. In such an event, the data are reported unflagged, even if the %R does not meet the acceptance criteria. Acceptance criteria are specified in the project quality assurance/sampling and analysis plan. All matrix spike sample percent recoveries (%R) must fall within the control limits of 70-130%. Matrix spike duplicate results pairs should fall within 20%.

A number of matrix spike results are reported outside recovery limits as noted in Table 5. Batches were accepted based on LCS recovery.

Lab Sample ID	Ms/MSD Control Limit Deficient - Analyte (Defecieny)	Qualifier
1411184-001AMS/1411184-001AMSD	Arsenic (low MS %R)	1
	Mercury (low MSD %R)	
1411184-020EMS/1411184-020EMSD	Sulfate (high MS/MSD %R)	1, 2
	Nitrate (low MS/MSD %R)	
1411141-002AMS/1411141-002AMSD	Lead (low MS %R)	@, 3
	Magnesium (low MS %R)	
	Mercury (high MSD %R)	
	Nickle (high MS/MSD %R)	
	Sodium (high MS/MSD %R)	
	Vanadium (high/MSD MS %R)	
	Zinc (high MS/MSD %R)	
1411161-001AMS/1411161-001AMSD	Antimony (low (MSD %R)	3

Table 4: Matrix Spike Results Reported Outside Recovery Limits

6.6 FIELD DUPLICATES

Six field duplicate sample pairs were analyzed by the laboratory. All duplicate recoveries were within acceptable ranges. Sample results and relative percent differences (RPD) are presented in the table below.

Analyte	QL	Sample Identification		RPD (%)*	
		OU3-0-SO-MRU-3C-0103	OU3-9-SO-MRU-3C-0103		
Aluminum	10	7550	6270	18.5%	a
Calcium	10	6430	9360	37.1%	a
Iron	10	47900	49000	2.3%	a
Magnesium	10	3140	4770	41.2%	a
Potassium	10	2710	2280	17.2%	a
Sodium	1	327	323	1.2%	a
Vanadium	1	10.4	7.83	28.2%	a
Zinc	10	5540	2890	62.9%	a
Antimony	50	245	281	13.7%	a
Arsenic	50	286	251	13.0%	a
Barium	500	942	1160	20.7%	a
Beryllium	50	U	U	--	
Cadmium	50	42	36.6	13.7%	a
Chromium	50	29.8	22.4	28.4%	a
Cobalt	50	3.09	3.19	3.2%	a
Copper	50	212	254	18.0%	a
Lead	1000	11300	7740	37.4%	a
Manganese	50	496	634	24.4%	a
Nickel	50	U	U	--	
Selenium	50	28.6	33.1	14.6%	a
Silver	50	31	36.1	15.2%	a
Thallium	50	5.57	6.13	9.6%	a
Mercury	10	8.08	9.72	18.4%	a
Percent Moisture	1	29.2	27.7	5.3%	a
Phosphate	50	1380	1560	12.2%	a

Table 5: Field Duplicate Sample Results and RPDs for OU3-0-SO-MRU-3C-0103

a - Acceptable field duplicate - sample results $\geq 5X$ the QL have $\leq 35\%$ RPD or sample results are within $\pm 5X$ the QL

U - Compound was not detected

QL - Quantitation limit

* - $RPD = |S - D| \times 100 / (S + D) / 2$ where S: original sample; D: Duplicate sample

Analyte	QL	Sample Identification		RPD (%)*	
		OU3-0-SO-MRU-1C-0	OU3-9-SO-MRU-1C-0		
Aluminum	10	26200	8120	105%	
Calcium	10	19700	17200	14%	a
Iron	10	38600	32700	17%	a
Magnesium	10	11000	8380	27%	a
Potassium	10	9100	2550	112%	a
Sodium	1	454	296	42%	a
Vanadium	1	53.5	34.8	42%	a
Zinc	10	7490	3780	66%	a
Antimony	50	173	158	9%	a
Arsenic	50	189	195	3%	a
Barium	500	368	214	53%	a
Beryllium	50	U	U	--	
Cadmium	50	62.9	55.3	13%	a
Chromium	50	53.7	40.6	28%	a
Cobalt	50	17.3	12.5	32%	a
Copper	50	401	268	40%	a
Lead	1000	4000	4010	0%	a
Manganese	50	3710	1430	89%	a
Nickel	50	25.4	U	--	
Selenium	50	U	U	--	
Silver	50	39.3	21.8	57%	a
Thallium	50	4.42	U	--	
Mercury	10	0.487	5.02	165%	a
Percent Moisture	1	1.56	1.64	5%	a
Phosphate	50	1940	2040	5%	a

Table 6: Field Duplicate Sample Results and RPDs for OU3-0-SO-MRU-1C-0

a - Acceptable field duplicate - sample results $\geq 5X$ the QL have $\leq 35\%$ RPD or sample results are within $\pm 5X$ the QL

U - Compound was not detected

QL - Quantitation limit

* - $RPD = |S-D| \times 100 / (S+D)/2$ where S: original sample; D: Duplicate sample

Analyte	QL	Sample Identification		RPD (%)*	
		OU3-0-TL-MRU-5B	OU3-9-TL-MRU-5B		
Aluminum	10	16600	13900	17.7%	a
Calcium	10	9510	11500	18.9%	a
Iron	10	23300	23400	0.4%	a
Magnesium	10	5080	5380	5.7%	a
Potassium	10	3880	3340	15.0%	a
Sodium	1	689	713	3.4%	a
Vanadium	1	32.5	27.9	15.2%	a
Zinc	10	33300	36100	8.1%	a
Antimony	50	629	663	5.3%	a
Arsenic	50	644	678	5.1%	a
Barium	500	176	240	30.8%	a
Beryllium	50	U	U	--	
Cadmium	50	147	170	14.5%	a
Chromium	50	43.6	36.7	17.2%	a
Cobalt	50	6.83	6.28	8.4%	a
Copper	50	1270	1400	9.7%	a
Lead	1000	16500	18200	9.8%	a
Manganese	50	2320	2820	19.5%	a
Nickel	50	U	U	--	
Selenium	50	U	U	--	
Silver	50	80.3	67.7	17.0%	a
Thallium	50	U	U	--	
Mercury	10	77.3	64.3	18.4%	a
Percent Moisture	1	27.1	27.7	2.2%	a
Phosphate	50	1770	2840	46.4%	a

Table 7: Field Duplicate Sample Results and RPDs for OU3-0-TL-MRU-5B

a - Acceptable field duplicate - sample results $\geq 5X$ the QL have $\leq 35\%$ RPD or sample results are within $\pm 5X$ the QL

U - Compound was not detected

QL - Quantitation limit

* - $RPD = |S - D| \times 100 / (S + D) / 2$ where S: original sample; D: Duplicate sample

Analyte	QL	Sample Identification		RPD (%)*	
		OU3-0-SO-MRU-4D-0	OU3-9-SO-MRU-4D-0		
Aluminum	10	27100	29800	9.5%	a
Calcium	10	5790	5260	9.6%	a
Iron	10	25200	26300	4.3%	a
Magnesium	10	6110	6430	5.1%	a
Potassium	10	8360	9190	9.5%	a
Sodium	1	372	399	7.0%	a
Vanadium	1	64.1	64.6	0.8%	a
Zinc	10	357	354	0.8%	a
Antimony	50	7.85	8.35	6.2%	a
Arsenic	50	15	15.7	4.6%	a
Barium	500	244	271	10.5%	a
Beryllium	50	U	U	--	
Cadmium	50	2.75	2.58	6.4%	a
Chromium	50	34.6	36.3	4.8%	a
Cobalt	50	10.7	11.3	5.5%	a
Copper	50	35	35.3	0.9%	a
Lead	1000	185	185	0.0%	a
Manganese	50	875	951	8.3%	a
Nickel	50	21.7	21.7	0.0%	a
Selenium	50	U	U	--	
Silver	50	U	U	--	
Thallium	50	U	U	--	
Mercury	10	0.299	0.291	2.7%	a
Percent Moisture	1	1.87	1.83	2.2%	a
Phosphate	50	1200	1310	8.8%	a

Table 8: Field Duplicate Sample Results and RPDs for OU3-0-SO-MRU-4D-0

a - Acceptable field duplicate - sample results $\geq 5X$ the QL have $\leq 35\%$ RPD or sample results are within $\pm 5X$ the QL

U - Compound was not detected

QL - Quantitation limit

* - $RPD = |S-D| \times 100 / (S+D)/2$ where S: original sample; D: Duplicate sample

Analyte	QL	Sample Identification		RPD (%)*	
		OU3-0-SD-SCURTFB	OU3-9-SD-SCURTFB		
Aluminum	10	17400	18600	6.7%	a
Calcium	10	55700	49600	11.6%	a
Iron	10	22400	20200	10.3%	a
Magnesium	10	7940	7160	10.3%	a
Potassium	10	4530	5660	22.2%	a
Sodium	1	513	723	34.0%	a
Vanadium	1	44.1	45.6	3.3%	a
Zinc	10	5760	5120	11.8%	a
Antimony	50	90.9	95.8	5.2%	a
Arsenic	50	119	121	1.7%	a
Barium	500	190	217	13.3%	a
Beryllium	50	U	U	--	
Cadmium	50	34.1	34.6	1.5%	a
Chromium	50	<36.2	40.9	--	
Cobalt	50	9.56	9.39	1.8%	a
Copper	50	214	212	0.9%	a
Lead	1000	2360	2470	4.6%	a
Manganese	50	985	980	0.5%	a
Nickel	50	U	U	--	
Selenium	50	U	U	--	
Silver	50	21.9	19.1	13.7%	a
Thallium	50	U	U	--	
Mercury	10	4.5	5.02	10.9%	a
Percent Moisture	1	73.2	71.8	1.9%	a
Phosphate	50	1260	1200	4.9%	a

Table 9: Field Duplicate Sample Results and RPDs for OU3-0-SD-SCURTFB

a - Acceptable field duplicate - sample results $\geq 5X$ the QL have $\leq 35\%$ RPD or sample results are within $\pm 5X$ the QL

U - Compound was not detected

QL - Quantitation limit

* - $RPD = |S-D| \times 100 / (S+D)/2$ where S: original sample; D: Duplicate sample

Analyte	QL	Sample Identification		RPD (%)*	
		OU3-0-SW-SCURTFB	OU3-9-SW-SCURTFB		
Aluminum (T)	1	0.273	0.252	7.7%	a
Calcium (T)	10	112	111	0.9%	a
Iron (T)	1	0.447	0.42	6.0%	a
Magnesium (T)	10	23.3	23.1	0.9%	a
Potassium (T)	1	2.32	2.3	0.9%	a
Sodium (T)	10	66.1	65.2	1.4%	a
Vanadium (T)	1	U	U	--	
Zinc (T)	1	0.331	0.327	1.2%	a
Antimony (T)	20	0.00677	0.00675	0.3%	a
Arsenic (T)	20	0.00758	0.00701	7.5%	a
Barium (T)	20	0.0389	0.0383	1.5%	a
Beryllium (T)	20	U	U	--	
Cadmium (T)	20	0.00112	0.00107	4.5%	a
Chromium (T)	20	U	U	--	
Cobalt (T)	20	U	U	--	
Copper (T)	20	0.00604	0.00563	6.8%	a
Lead (T)	20	0.0493	0.0468	5.1%	a
Manganese (T)	20	0.154	0.15	2.6%	a
Nickel (T)	20	U	U	--	
Selenium (T)	20	U	U	--	
Silver (T)	20	U	U	--	
Thallium (T)	20	U	U	--	
Hardness	1	375	373	0.5%	a
Mercury (T)	1	U	U	--	
Aluminum (D)	1	U	U	--	
Calcium (D)	10	110	109	0.9%	a
Iron (D)	1		U	--	
Magnesium (D)	1	20.7	20.7	0.0%	a
Potassium (D)	1	2.25	2.16	4.0%	a
Sodium (D)	10	61.7	62.2	0.8%	a
Vanadium (D)	1	U	U	--	
Zinc (D)	1	0.203	0.206	1.5%	a
Antimony (D)	20	0.00466	0.00465	0.2%	a
Arsenic (D)	20	0.00478	0.00458	4.2%	a
Barium (D)	20	0.0339	0.0332	2.1%	a
Beryllium (D)	20	U	U	--	
Cadmium (D)	20	U	U	--	
Chromium (D)	20	U	U	--	
Cobalt (D)	20	U	U	--	
Copper (D)	20	U	U	--	
Lead (D)	20	U	U	--	
Manganese (D)	20	0.126	0.129	2.4%	a
Nickel (D)	20	U	U	--	
Selenium (D)	20	U	U	--	
Silver (D)	20	U	U	--	
Thallium (D)	20	U	U	--	
Mercury (D)	1	U	U	--	
Phosphate	1	0.052	0.0569	9.4%	a
TDS	2	484	484	0.0%	a
TSS	1	12	12	0.0%	a
Chloride	100	126	125	0.8%	a
Sulfate	100	181	186	2.8%	a
Alkalinity	1	131	129	1.5%	a
Nitrate	1	0.225	0.218	3.1%	a

Table 10: Field Duplicate Sample Results and RPDs for OU3-0-SW-SCURTFB

a - Acceptable field duplicate - sample results $\geq 5X$ the QL have $\leq 35\%$ RPD or sample results are within $\pm 5X$ the QL

U - Compound was not detected

QL - Quantitation limit

* - $RPD = |S-D| \times 100 / (S+D)/2$ where S: original sample; D: Duplicate sample

6.7 FIELD EQUIPMENT BLANKS

No field blanks were collected. All samples were collected using disposable sampling equipment. Decontamination and rinsate blanks were not required.

4. CONCLUSION

The results of the quality assurance review indicate that the analytical data are of good quality and acceptable for their intended use.

5. REFERENCES

Resource Management Consultants, Inc. (RMC). 2014. Sampling and Analysis Plan for Richardson Flat Tailings Site Operable Units 2 and 3.

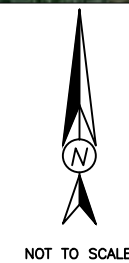
USEPA. 2010. Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review. EPA-540-R-10-011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation (OSRTI), Washington D.C.

USEPA. 2006. Data Quality Assessment: A Reviewer's Guide EPA QA/G-9R Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review. EPA/240/B-06/002 February 2006. U.S. Environmental Protection Agency, Office of Environmental Information, Washington D.C.



NOTE:

- SOIL SAMPLE LOCATIONS ARE REFERENCED BY THE SURFACE SAMPLE ID ONLY




UNITED PARK CITY MINES

FIGURE 1
RICHARDSON FLAT OU3
NOVEMBER 2014
SAMPLING LOCATIONS

December 2014

RESOURCE MANAGEMENT CONSULTANTS

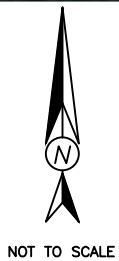
 8138 SOUTH STATE ST.
SUITE 2A
MIDVALE, UT 84047
801-255-2626

November sampling gps points .dwg



NOTE:

- SOIL SAMPLE LOCATIONS ARE REFERENCED BY THE SURFACE SAMPLE ID ONLY



NOT TO SCALE

UNITED PARK CITY MINES		
FIGURE 2 RICHARDSON FLAT OU3 NOVEMBER 2014 SAMPLING LOCATIONS		
RESOURCE MANAGEMENT CONSULTANTS 8138 SOUTH STATE ST. SUITE 2A MIDVALE, UT 84047 801-255-2626	December 2014	November sampling gpe points .dwg

Attachment 1
Summary of Laboratory Analysis, Methods, and Bottles
Richardson Flat OU2 and OU3
Field Sampling Plan

Media	Parameters	Analytical Method	Container	Volume	Temperature ¹	Preservative	Hold Days					
SURFACE WATER	Field Parameters:	RMC SOP 9	In-stream, flow cell, or polyethylene	Bottle 5	NA	None	1					
	pH											
	Conductivity											
	Temperature											
	Dissolved Oxygen											
	Oxidation-Reduction Potential											
	Metals (Total and Dissolved):	SW846 6020A or 200.8	Polyethylene	Bottle 1, 2	0 - 6° C	HNO ₃	180					
	Aluminum											
	Antimony											
	Arsenic											
	Barium											
	Beryllium											
	Cadmium											
	Chromium											
	Cobalt											
	Copper											
	Iron											
	Lead											
	Manganese											
	Nickel											
	Selenium											
	Silver											
	Thallium											
	Vanadium											
	Zinc											
	Mercury							SW846 7470A	SW846 6020A			
	Calcium						180					
	Magnesium											
	Potassium											
	Sodium											
	Hardness	SM2340B (calculation)	N/A	N/A	N/A	N/A	N/A	N/A				
	Phosphorus	SM4500(P)B/F	Polyethylene	Bottle 3	0 - 6°C	HNO ₃		28				

Attachment 1
Summary of Laboratory Analysis, Methods, and Bottles
Richardson Flat OU2 and OU3
Field Sampling Plan

Media	Parameters	Analytical Method	Container	Volume	Temperature ¹	Preservative	Hold Days
	Total Suspended Solids	SM2540D	Polyethylene	Bottle 4	0 - 6°C	None	7
	Nitrate	E353.2 for nitrate or E300.0					2
	Chloride						28
	Sulfate						28
	Alkalinity	SM2420B					14
	Total Dissolved Solids	SM2540C					7
GROUNDWATER	Field Parameters:	RMC SOP 9	In-stream, flow cell, or polyethylene	Bottle 5	NA	None	1
	pH						
	Conductivity						
	Temperature						
	Dissolved Oxygen						
	Oxidation-Reduction Potential						
	Metals (Total and Dissolved):	SW846 6020A or 200.8	Polyethylene	Bottle 1, 2	0 - 6°C	HNO ₃	180
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Chromium						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Manganese						
	Nickel						
	Selenium						
	Silver						
	Thallium						
	Vanadium						
	Zinc						
	Mercury	SW846 7470A					28

Attachment 1
Summary of Laboratory Analysis, Methods, and Bottles
Richardson Flat OU2 and OU3
Field Sampling Plan

Media	Parameters	Analytical Method	Container	Volume	Temperature ¹	Preservative	Hold Days
	Calcium	SW846 6020B					180
	Magnesium						
	Potassium						
	Sodium						
	Hardness	SM2340B (calculation)	N/A	N/A	N/A	N/A	N/A
	Phosphorus	SM4500(P)B/F	Polyethylene	Bottle 3	0 - 6°C	HNO ₃	28
	Total Suspended Solids	SM2540D	Polyethylene	Bottle 4	0 - 6°C	None	7
	Nitrate	E353.2 for nitrate or E300.0					2
	Chloride						28
	Sulfate						28
	Alkalinity						SM2420B
	Total Dissolved Solids	SM2540C					7
SOIL	Metals (Laboratory):	SW846 6020A	Glass Jar	4 oz.	0 - 6°C	None	180
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Calcium						
	Chromium						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Magnesium						
	Manganese						
	Nickel						
	Potassium						
	Selenium						
	Silver						
	Sodium						
	Thallium						
Vanadium							
Zinc							

Attachment 1
Summary of Laboratory Analysis, Methods, and Bottles
Richardson Flat OU2 and OU3
Field Sampling Plan

Media	Parameters	Analytical Method	Container	Volume	Temperature ¹	Preservative	Hold Days
	Mercury	SW846 7471B					28
	Phosphorus	SW846 6010B					180
	Metals (XRF):	XRF - EPA 6200	Ground Shot or Polyethylene Bag	N/A	N/A	N/A	180
	Arsenic						
	Chromium						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Manganese						
	Mercury						
	Nickel						
	Selenium						
	Zinc						
SEDIMENT	Metals (Laboratory):	SW846 6020A	Glass Jar	4 oz.	0 - 6°C	None	180
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Calcium						
	Chromium						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Magnesium						
	Manganese						
	Nickel						
	Potassium						
	Selenium						
	Silver						
	Sodium						
	Thallium						
	Vanadium						

Attachment 1
Summary of Laboratory Analysis, Methods, and Bottles
Richardson Flat OU2 and OU3
Field Sampling Plan

Media	Parameters	Analytical Method	Container	Volume	Temperature ¹	Preservative	Hold Days
	Zinc						
	Mercury	SW846 7471B					28
	Methylmercury	EPA 1630					
	Phosphorus	SM4500(P)B/F					180
	Metals (XRF):	XRF - EPA 6200	Ground Shot or Polyethylene Bag	N/A	N/A	N/A	180
	Arsenic						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Manganese						
	Mercury						
	Nickel						
	Selenium						
	Zinc						
PLANT, MACROINVERTEBRATE, AND FISH TISSUE	<u>Plants</u> - Metals Per Soil or Sediment Lists Above Depending on Collection Location (upland or wetland, respectively) <u>Fish and Macroinvertebrates</u> - Metals Per Sediment List Above	Per Soil and Sediment Lists Above					
	Moisture Content	SM2540G	Glass Jar	4 oz.	0 - 6°C	None	28

Bottle List:

Bottle 1 - 500 ml bottle filtered to 0.45µm and preserved with HNO₃

Bottle 2 - 500 ml bottle unfiltered and preserved with HNO₃

Bottle 3 - 250 ml bottle unfiltered and preserved with HNO₃

Bottle 4 - 1000 ml bottle unfiltered and unpreserved

Bottle 5 - 500 ml bottle unfiltered and unpreserved for field parameters.

¹ Upon receipt at analytical laboratory



Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060
TEL: (435) 608-0954

RE: Richardson Flat OU3

Dear Kerry Gee:

Lab Set ID: 1411141

3440 South 700 West
Salt Lake City, UT 84119

American West Analytical Laboratories received 25 sample(s) on 11/10/2014 for the analyses presented in the following report.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat OU3
Lab Sample ID: 1411141-001
Client Sample ID: OU3-0-SO-MRU-1B-0
Collection Date: 11/10/2014 900h
Received Date: 11/10/2014 1711h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1206h	SW6010C	105	18,300	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	4.20	37.3	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	2.63	42.0	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	4.73	200	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	2.10	< 2.10	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	0.893	10.9	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1206h	SW6010C	1,050	10,700	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	10.5	72.1	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	1.42	6.90	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	16.3	89.3	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1206h	SW6010C	52.5	15,800	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1110h	SW6020A	68.3	1,170	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1206h	SW6010C	1,050	3,480	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1110h	SW6020A	42.0	788	
Mercury	mg/kg-dry	11/20/2014 1615h	11/24/2014 854h	SW7471B	0.0414	0.712	@
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	21.0	< 21.0	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1206h	SW6010C	1,050	5,060	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	8.93	< 8.93	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	1.58	6.53	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1423h	SW6010C	105	352	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 856h	SW6020A	4.20	< 4.20	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1423h	SW6010C	0.525	37.9	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1423h	SW6010C	5.25	1,380	

@ - High RPD due to suspected sample non-homogeneity or matrix interference.
 This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-002
Client Sample ID: OU3-0-SO-MRU-1B-0.5-1
Collection Date: 11/10/2014 900h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1210h	SW6010C	120	25,500	³
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	4.80	< 4.80	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	3.00	13.4	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	5.40	301	³
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	2.40	< 2.40	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	1.02	2.97	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1210h	SW6010C	1,200	15,900	³
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	12.0	124	³
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	1.62	9.92	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	18.6	27.1	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1210h	SW6010C	60.0	17,100	³
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	7.80	49.1	^{3@}
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1210h	SW6010C	1,200	4,050	³
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1859h	SW6020A	48.0	929	²
Mercury	mg/kg-dry	11/20/2014 1615h	11/24/2014 859h	SW7471B	0.0448	0.106	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	24.0	25.8	³
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1210h	SW6010C	1,200	6,330	³
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	10.2	< 10.2	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	1.80	< 1.80	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1425h	SW6010C	120	< 120	³
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 859h	SW6020A	4.80	< 4.80	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1425h	SW6010C	0.600	< 0.600	³
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1425h	SW6010C	6.00	< 6.00	³

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-003
Client Sample ID: OU3-0-SO-MRU-1C-0
Collection Date: 11/10/2014 930h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
 Salt Lake City, UT 84119

 Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com

 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1217h	SW6010C	99.9	26,200	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	4.00	173	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	2.50	189	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	4.50	368	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	2.00	< 2.00	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	0.849	62.9	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1217h	SW6010C	999	19,700	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	9.99	53.7	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	1.35	17.3	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	15.5	401	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1217h	SW6010C	50.0	38,600	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1116h	SW6020A	64.9	4,000	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1217h	SW6010C	999	11,000	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1116h	SW6020A	40.0	3,710	
Mercury	mg/kg-dry	11/20/2014 1615h	11/24/2014 922h	SW7471B	0.0391	0.487	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	20.0	25.4	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1217h	SW6010C	999	9,100	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	8.49	< 8.49	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	1.50	39.3	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1431h	SW6010C	99.9	454	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 915h	SW6020A	4.00	4.42	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1431h	SW6010C	0.500	53.5	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1217h	SW6010C	50.0	7,490	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-004
Client Sample ID: OU3-0-SO-MRU-1C-0.501
Collection Date: 11/10/2014 930h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1219h	SW6010C	122	18,300	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	4.88	187	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	3.05	222	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	5.48	472	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	2.44	< 2.44	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	1.04	31.7	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1219h	SW6010C	1,220	18,000	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	12.2	48.6	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	1.65	9.08	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	18.9	330	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1219h	SW6010C	60.9	34,300	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1129h	SW6020A	79.2	3,760	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1219h	SW6010C	1,220	9,050	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1129h	SW6020A	48.8	1,330	
Mercury	mg/kg-dry	11/20/2014 1615h	11/24/2014 924h	SW7471B	0.0442	0.888	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	24.4	< 24.4	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1219h	SW6010C	1,220	6,490	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	10.4	< 10.4	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	1.83	34.2	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1433h	SW6010C	122	264	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 918h	SW6020A	4.88	< 4.88	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1433h	SW6010C	0.609	33.2	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1219h	SW6010C	60.9	5,170	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-005
Client Sample ID: OU3-0-SO-MRU-2B-0
Collection Date: 11/10/2014 1010h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1228h	SW6010C	106	20,900	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	4.26	100	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	2.66	80.0	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	4.79	225	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	2.13	< 2.13	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	0.905	13.0	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1228h	SW6010C	1,060	12,100	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	10.6	62.7	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	1.44	7.04	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	16.5	160	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1228h	SW6010C	53.2	18,000	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1132h	SW6020A	69.2	2,460	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1228h	SW6010C	1,060	4,120	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1132h	SW6020A	42.6	925	
Mercury	mg/kg-dry	11/20/2014 1615h	11/24/2014 908h	SW7471B	0.0416	3.98	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	21.3	< 21.3	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1228h	SW6010C	1,060	5,640	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	9.05	< 9.05	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	1.60	10.4	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1434h	SW6010C	106	417	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 934h	SW6020A	4.26	< 4.26	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1434h	SW6010C	0.532	39.8	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1228h	SW6010C	53.2	1,900	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-006
Client Sample ID: OU3-0-SO-MRU-2B-0.501
Collection Date: 11/10/2014 1010h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1230h	SW6010C	119	31,400	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	4.77	< 4.77	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	2.98	11.3	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	5.36	277	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	2.38	< 2.38	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	1.01	1.66	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1230h	SW6010C	1,190	9,420	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	11.9	93.5	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	1.61	10.4	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	18.5	24.1	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1230h	SW6010C	59.6	23,300	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1919h	SW6020A	7.75	24.7	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1230h	SW6010C	1,190	5,210	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1136h	SW6020A	47.7	925	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1005h	SW7471B	0.0469	0.0612	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	23.8	25.0	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1230h	SW6010C	1,190	7,780	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	10.1	< 10.1	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	1.79	< 1.79	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1435h	SW6010C	119	337	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 937h	SW6020A	4.77	< 4.77	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1435h	SW6010C	0.596	57.2	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1435h	SW6010C	5.96	125	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-007
Client Sample ID: OU3-0-SO-MRU-2C-0
Collection Date: 11/10/2014 1035h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1231h	SW6010C	100	26,800	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	4.01	40.1	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	2.50	51.5	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	4.51	220	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	2.00	< 2.00	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	0.851	31.6	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1231h	SW6010C	1,000	14,400	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	10.0	43.8	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	1.35	10.5	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	15.5	144	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1231h	SW6010C	50.1	21,200	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1139h	SW6020A	65.1	1,250	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1231h	SW6010C	1,000	7,440	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1139h	SW6020A	40.1	1,490	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1010h	SW7471B	0.0383	2.77	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	20.0	< 20.0	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1231h	SW6010C	1,000	6,010	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	8.51	< 8.51	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	1.50	8.87	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1437h	SW6010C	100	477	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 941h	SW6020A	4.01	< 4.01	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1437h	SW6010C	0.501	50.3	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1231h	SW6010C	50.1	2,990	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-008
Client Sample ID: OU3-0-SO-MRU-2C-0.501
Collection Date: 11/10/2014 1035h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1233h	SW6010C	116	20,400	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	4.64	345	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	2.90	297	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	5.22	216	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	2.32	< 2.32	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	0.985	76.9	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1233h	SW6010C	1,160	13,700	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	11.6	45.2	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	1.56	9.73	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1142h	SW6020A	180	687	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1233h	SW6010C	57.9	27,300	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1101h	SW6020A	151	6,520	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1233h	SW6010C	1,160	6,720	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1142h	SW6020A	46.4	1,490	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1125h	SW7471B	0.419	2.21	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	23.2	< 23.2	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1233h	SW6010C	1,160	5,300	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	9.85	< 9.85	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	1.74	44.8	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1439h	SW6010C	116	360	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 944h	SW6020A	4.64	< 4.64	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1439h	SW6010C	0.579	38.0	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1233h	SW6010C	57.9	15,500	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-009
Client Sample ID: OU3-0-SO-MRU-3A-0
Collection Date: 11/10/2014 1130h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1235h	SW6010C	109	28,100	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	4.35	29.0	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	2.72	33.9	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	4.90	261	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	2.18	< 2.18	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	0.925	6.67	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1235h	SW6010C	1,090	15,200	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	10.9	91.0	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	1.47	8.54	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	16.9	97.3	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1235h	SW6010C	54.4	21,100	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1145h	SW6020A	70.7	914	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1235h	SW6010C	1,090	5,630	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1145h	SW6020A	43.5	1,090	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1020h	SW7471B	0.0385	1.15	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	21.8	< 21.8	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1235h	SW6010C	1,090	8,660	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	9.25	< 9.25	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	1.63	6.93	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1447h	SW6010C	109	452	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 947h	SW6020A	4.35	< 4.35	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1447h	SW6010C	0.544	51.4	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1447h	SW6010C	5.44	994	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-010
Client Sample ID: OU3-0-SO-MRU-3A-0.501
Collection Date: 11/10/2014 1130h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1237h	SW6010C	123	36,900	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	4.92	< 4.92	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	3.08	10.8	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	5.54	285	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	2.46	< 2.46	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	1.05	1.23	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1237h	SW6010C	1,230	22,700	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	12.3	117	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	1.66	9.73	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	19.1	39.9	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1237h	SW6010C	61.6	25,200	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1922h	SW6020A	8.00	16.5	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1237h	SW6010C	1,230	6,750	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1148h	SW6020A	49.2	1,010	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1022h	SW7471B	0.0470	< 0.0470	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	24.6	29.1	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1237h	SW6010C	1,230	10,900	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	10.5	< 10.5	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	1.85	< 1.85	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1449h	SW6010C	123	561	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 950h	SW6020A	4.92	< 4.92	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1449h	SW6010C	0.616	66.7	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1449h	SW6010C	6.16	116	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-011
Client Sample ID: OU3-0-SO-MRU-3B-0
Collection Date: 11/10/2014 1200h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1239h	SW6010C	104	24,200	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	4.18	112	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	2.61	98.7	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	4.70	302	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	2.09	< 2.09	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	0.888	17.4	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1239h	SW6010C	1,040	13,100	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	10.4	73.7	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	1.41	10.6	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	16.2	210	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1239h	SW6010C	52.2	20,600	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1151h	SW6020A	67.9	3,040	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1239h	SW6010C	1,040	4,620	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1151h	SW6020A	41.8	1,850	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1127h	SW7471B	0.415	0.526	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	20.9	22.8	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1239h	SW6010C	1,040	6,640	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	8.88	< 8.88	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	1.57	13.9	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1451h	SW6010C	104	416	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 953h	SW6020A	4.18	< 4.18	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1451h	SW6010C	0.522	49.3	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1239h	SW6010C	52.2	2,260	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-012
Client Sample ID: OU3-0-SO-MRU-3B-0.501
Collection Date: 11/10/2014 1200h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1241h	SW6010C	121	32,700	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	4.84	11.7	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	3.02	19.5	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	5.44	319	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	2.42	< 2.42	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	1.03	1.76	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1241h	SW6010C	1,210	12,700	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	12.1	94.2	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	1.63	9.86	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	18.8	40.6	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1241h	SW6010C	60.5	23,200	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1155h	SW6020A	78.6	83.6	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1241h	SW6010C	1,210	5,590	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1155h	SW6020A	48.4	977	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1026h	SW7471B	0.0427	0.360	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	24.2	25.1	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1241h	SW6010C	1,210	8,830	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	10.3	< 10.3	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	1.81	< 1.81	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1453h	SW6010C	121	465	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 956h	SW6020A	4.84	< 4.84	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1453h	SW6010C	0.605	58.8	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1453h	SW6010C	6.05	216	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-013
Client Sample ID: OU3-0-SO-MRU-3C-0
Collection Date: 11/10/2014 1230h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1242h	SW6010C	101	31,600	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	4.05	24.7	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	2.53	37.5	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	4.56	328	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	2.03	< 2.03	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	0.862	9.50	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1242h	SW6010C	1,010	6,690	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	10.1	36.0	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	1.37	12.3	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	15.7	111	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1242h	SW6010C	50.7	28,100	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1158h	SW6020A	65.9	868	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1242h	SW6010C	1,010	6,920	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1158h	SW6020A	40.5	879	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1027h	SW7471B	0.0410	1.01	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	20.3	< 20.3	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1242h	SW6010C	1,010	7,930	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	8.62	< 8.62	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	1.52	3.88	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1454h	SW6010C	101	359	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1000h	SW6020A	4.05	< 4.05	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1454h	SW6010C	0.507	62.3	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1242h	SW6010C	50.7	1,250	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-014
Client Sample ID: OU3-0-SO-MRU-3C-0.501
Collection Date: 11/10/2014 1230h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1244h	SW6010C	117	28,500	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	4.67	171	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	2.92	192	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	5.25	222	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	2.33	< 2.33	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	0.992	26.9	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1244h	SW6010C	1,170	8,560	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	11.7	45.6	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	1.58	9.79	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	18.1	300	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1244h	SW6010C	58.4	26,300	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1211h	SW6020A	75.9	4,230	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1244h	SW6010C	1,170	8,210	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1211h	SW6020A	46.7	995	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1128h	SW7471B	0.450	0.688	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	23.3	< 23.3	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1244h	SW6010C	1,170	9,970	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	9.92	< 9.92	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	1.75	20.2	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1456h	SW6010C	117	462	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1003h	SW6020A	4.67	< 4.67	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1456h	SW6010C	0.584	51.6	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1244h	SW6010C	58.4	4,620	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat OU3
Lab Sample ID: 1411141-015
Client Sample ID: OU3-0-SO-MRU-4A-0
Collection Date: 11/10/2014 1300h
Received Date: 11/10/2014 1711h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1253h	SW6010C	105	30,000	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	4.19	8.16	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	2.62	16.8	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	4.71	253	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	2.09	< 2.09	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	0.890	2.94	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1253h	SW6010C	1,050	21,400	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	10.5	74.5	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	1.41	10.8	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	16.2	76.1	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1253h	SW6010C	52.3	26,300	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1214h	SW6020A	68.0	213	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1253h	SW6010C	1,050	6,020	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1214h	SW6020A	41.9	1,590	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1257h	SW7471B	0.0380	0.306	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	20.9	23.9	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1253h	SW6010C	1,050	8,930	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	8.90	< 8.90	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	1.57	< 1.57	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1458h	SW6010C	105	424	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1016h	SW6020A	4.19	< 4.19	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1458h	SW6010C	0.523	55.1	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1458h	SW6010C	5.23	424	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-016
Client Sample ID: OU3-0-SO-MRU-4A-0.501
Collection Date: 11/10/2014 1300h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1254h	SW6010C	111	36,600	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	4.43	4.58	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	2.77	16.3	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	4.98	269	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	2.21	< 2.21	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	0.941	2.10	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1254h	SW6010C	1,110	19,300	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	11.1	89.1	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	1.49	10.7	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	17.2	91.9	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1254h	SW6010C	55.4	26,800	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1217h	SW6020A	72.0	108	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1254h	SW6010C	1,110	6,680	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1217h	SW6020A	44.3	1,450	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1303h	SW7471B	0.0407	0.153	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	22.1	26.4	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1254h	SW6010C	1,110	11,000	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	9.41	< 9.41	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	1.66	< 1.66	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1500h	SW6010C	111	420	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1019h	SW6020A	4.43	< 4.43	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1500h	SW6010C	0.554	63.5	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1500h	SW6010C	5.54	269	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co. **Contact:** Kerry Gee
Project: Richardson Flat OU3
Lab Sample ID: 1411141-017
Client Sample ID: OU3-0-SO-MRU-4B-0
Collection Date: 11/10/2014 1323h
Received Date: 11/10/2014 1711h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1256h	SW6010C	106	17,100	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	4.22	61.7	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	2.64	42.8	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	4.75	228	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	2.11	< 2.11	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	0.898	14.1	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1256h	SW6010C	1,060	17,300	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	10.6	40.1	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	1.43	6.11	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	16.4	152	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1256h	SW6010C	52.8	14,100	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1220h	SW6020A	68.7	1,600	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1256h	SW6010C	1,060	4,010	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1220h	SW6020A	42.2	984	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1308h	SW7471B	0.0412	2.54	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	21.1	< 21.1	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1256h	SW6010C	1,060	5,740	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	8.98	< 8.98	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	1.58	6.90	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1502h	SW6010C	106	330	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1022h	SW6020A	4.22	< 4.22	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1502h	SW6010C	0.528	33.6	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1256h	SW6010C	52.8	1,150	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-018
Client Sample ID: OU3-0-SO-MRU-4B-0.501
Collection Date: 11/10/2014 1323h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1258h	SW6010C	121	37,400	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	4.82	13.9	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	3.01	19.9	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	5.42	321	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	2.41	< 2.41	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	1.02	2.86	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1258h	SW6010C	1,210	12,400	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	12.1	91.0	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	1.63	11.8	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	18.7	107	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1258h	SW6010C	60.3	25,200	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1223h	SW6020A	78.4	316	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1258h	SW6010C	1,210	6,350	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1223h	SW6020A	48.2	1,460	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1310h	SW7471B	0.0493	1.33	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	24.1	28.1	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1258h	SW6010C	1,210	11,900	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	10.2	< 10.2	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	1.81	< 1.81	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1504h	SW6010C	121	467	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1025h	SW6020A	4.82	< 4.82	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1504h	SW6010C	0.603	66.9	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1504h	SW6010C	6.03	366	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-019
Client Sample ID: OU3-0-SO-MRU-4C-0
Collection Date: 11/10/2014 1435h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1300h	SW6010C	94.8	17,000	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	3.79	< 3.79	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	2.37	9.02	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	4.27	141	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	1.90	< 1.90	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	0.806	1.21	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1300h	SW6010C	948	5,800	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	9.48	37.4	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	1.28	5.65	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	14.7	32.4	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1300h	SW6010C	47.4	13,200	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1925h	SW6020A	6.16	27.7	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1300h	SW6010C	948	3,960	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1226h	SW6020A	37.9	336	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1312h	SW7471B	0.0351	< 0.0351	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	19.0	< 19.0	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1300h	SW6010C	948	4,120	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	8.06	< 8.06	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	1.42	< 1.42	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1512h	SW6010C	94.8	457	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1029h	SW6020A	3.79	< 3.79	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1512h	SW6010C	0.474	33.8	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1512h	SW6010C	4.74	59.7	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-020
Client Sample ID: OU3-0-SO-MRU-3C-0103
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/17/2014 1508h	12/1/2014 1302h	SW6010C	133	7,550	
Antimony	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	5.32	245	
Arsenic	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	3.32	286	
Barium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1230h	SW6020A	59.8	942	
Beryllium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	2.66	< 2.66	
Cadmium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	1.13	42.0	
Calcium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1302h	SW6010C	1,330	6,430	
Chromium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	13.3	29.8	
Cobalt	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	1.79	3.09	
Copper	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	20.6	212	
Iron	mg/kg-dry	11/17/2014 1508h	12/1/2014 1302h	SW6010C	66.5	47,900	
Lead	mg/kg-dry	11/17/2014 1508h	12/3/2014 1104h	SW6020A	173	11,300	
Magnesium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1302h	SW6010C	1,330	3,140	
Manganese	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	5.32	496	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1333h	SW7471B	0.565	8.08	
Nickel	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	26.6	< 26.6	
Potassium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1302h	SW6010C	1,330	2,710	
Selenium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	11.3	28.6	
Silver	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	1.99	31.0	
Sodium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1514h	SW6010C	133	327	
Thallium	mg/kg-dry	11/17/2014 1508h	12/3/2014 1032h	SW6020A	5.32	5.57	
Vanadium	mg/kg-dry	11/17/2014 1508h	12/1/2014 1514h	SW6010C	0.665	10.4	
Zinc	mg/kg-dry	11/17/2014 1508h	12/1/2014 1302h	SW6010C	66.5	5,540	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-021
Client Sample ID: OU3-0-SO-MRU-3C-0304
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/21/2014 1623h	11/25/2014 1238h	SW6010C	108	28,800	
Antimony	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	4.31	8.98	
Arsenic	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	2.69	36.9	
Barium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	4.85	66.8	
Beryllium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	2.16	< 2.16	
Cadmium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	0.916	3.14	
Calcium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1238h	SW6010C	1,080	4,630	
Chromium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	10.8	44.4	
Cobalt	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	1.46	14.8	
Copper	mg/kg-dry	11/21/2014 1623h	12/3/2014 027h	SW6020A	16.7	43.4	
Iron	mg/kg-dry	11/21/2014 1623h	11/25/2014 1238h	SW6010C	53.9	41,400	
Lead	mg/kg-dry	11/21/2014 1623h	12/1/2014 2253h	SW6020A	70.1	90.4	
Magnesium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1238h	SW6010C	1,080	14,100	
Manganese	mg/kg-dry	11/21/2014 1623h	12/1/2014 2253h	SW6020A	43.1	472	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1315h	SW7471B	0.0483	0.723	
Nickel	mg/kg-dry	11/21/2014 1623h	12/3/2014 027h	SW6020A	21.6	34.6	
Potassium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1238h	SW6010C	1,080	7,390	
Selenium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	9.16	< 9.16	
Silver	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	1.62	< 1.62	
Sodium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1400h	SW6010C	108	277	
Thallium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1244h	SW6020A	4.31	6.45	
Vanadium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1400h	SW6010C	0.539	44.9	
Zinc	mg/kg-dry	11/21/2014 1623h	11/24/2014 1400h	SW6010C	5.39	3,460	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-022
Client Sample ID: OU3-9-SO-MRU-3C-0103
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/21/2014 1623h	11/24/2014 1402h	SW6010C	14.8	6,270	
Antimony	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	5.91	281	
Arsenic	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	3.69	251	
Barium	mg/kg-dry	11/21/2014 1623h	12/1/2014 2256h	SW6020A	66.5	1,160	
Beryllium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	2.95	< 2.95	
Cadmium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	1.26	36.6	
Calcium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1240h	SW6010C	1,480	9,360	
Chromium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	14.8	22.4	
Cobalt	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	1.99	3.19	
Copper	mg/kg-dry	11/21/2014 1623h	12/3/2014 030h	SW6020A	22.9	254	
Iron	mg/kg-dry	11/21/2014 1623h	11/25/2014 1240h	SW6010C	73.9	49,000	
Lead	mg/kg-dry	11/21/2014 1623h	12/3/2014 011h	SW6020A	960	7,740	
Magnesium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1402h	SW6010C	148	4,770	
Manganese	mg/kg-dry	11/21/2014 1623h	12/1/2014 2256h	SW6020A	59.1	634	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1335h	SW7471B	0.512	9.72	
Nickel	mg/kg-dry	11/21/2014 1623h	12/3/2014 030h	SW6020A	29.5	< 29.5	
Potassium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1402h	SW6010C	148	2,280	
Selenium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	12.6	33.1	
Silver	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	2.22	36.1	
Sodium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1402h	SW6010C	148	323	
Thallium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1247h	SW6020A	5.91	6.13	
Vanadium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1402h	SW6010C	0.739	7.83	
Zinc	mg/kg-dry	11/21/2014 1623h	11/24/2014 1402h	SW6010C	7.39	2,890	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-023
Client Sample ID: OU3-0-TL-MRU-3C
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/21/2014 1623h	11/24/2014 1403h	SW6010C	12.3	2,930	
Antimony	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	4.91	157	
Arsenic	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	3.07	322	
Barium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	5.53	573	
Beryllium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	2.46	< 2.46	
Cadmium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	1.04	19.9	
Calcium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1242h	SW6010C	1,230	28,900	
Chromium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	12.3	15.7	
Cobalt	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	1.66	5.59	
Copper	mg/kg-dry	11/21/2014 1623h	12/3/2014 033h	SW6020A	19.0	253	
Iron	mg/kg-dry	11/21/2014 1623h	11/25/2014 1242h	SW6010C	61.4	39,800	
Lead	mg/kg-dry	11/21/2014 1623h	12/1/2014 2300h	SW6020A	79.9	5,070	
Magnesium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1242h	SW6010C	1,230	13,300	
Manganese	mg/kg-dry	11/21/2014 1623h	12/1/2014 2300h	SW6020A	49.1	1,460	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1319h	SW7471B	0.0463	3.33	
Nickel	mg/kg-dry	11/21/2014 1623h	12/3/2014 033h	SW6020A	24.6	< 24.6	
Potassium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1403h	SW6010C	123	1,190	
Selenium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	10.4	21.1	
Silver	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	1.84	24.1	
Sodium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1403h	SW6010C	123	< 123	
Thallium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1251h	SW6020A	4.91	< 4.91	
Vanadium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1403h	SW6010C	0.614	< 0.614	
Zinc	mg/kg-dry	11/21/2014 1623h	11/24/2014 1403h	SW6010C	6.14	2,090	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-024
Client Sample ID: OU3-9-SO-MRU-1C-0
Collection Date: 11/10/2014 930h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/21/2014 1623h	11/25/2014 1256h	SW6010C	105	8,120	
Antimony	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	4.20	158	
Arsenic	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	2.62	195	
Barium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	4.72	214	
Beryllium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	2.10	< 2.10	
Cadmium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	0.892	55.3	
Calcium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1256h	SW6010C	1,050	17,200	
Chromium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	10.5	40.6	
Cobalt	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	1.42	12.5	
Copper	mg/kg-dry	11/21/2014 1623h	12/3/2014 036h	SW6020A	16.3	268	
Iron	mg/kg-dry	11/21/2014 1623h	11/25/2014 1256h	SW6010C	52.4	32,700	
Lead	mg/kg-dry	11/21/2014 1623h	12/1/2014 2303h	SW6020A	68.2	4,010	
Magnesium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1256h	SW6010C	1,050	8,380	
Manganese	mg/kg-dry	11/21/2014 1623h	12/1/2014 2303h	SW6020A	42.0	1,430	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1337h	SW7471B	0.377	5.02	
Nickel	mg/kg-dry	11/21/2014 1623h	12/3/2014 036h	SW6020A	21.0	< 21.0	
Potassium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1256h	SW6010C	1,050	2,550	
Selenium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	8.92	< 8.92	
Silver	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	1.57	21.8	
Sodium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1404h	SW6010C	105	296	
Thallium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1254h	SW6020A	4.20	< 4.20	
Vanadium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1404h	SW6010C	0.524	34.8	
Zinc	mg/kg-dry	11/21/2014 1623h	11/25/2014 1256h	SW6010C	52.4	3,780	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-025
Client Sample ID: OU3-0-SO-MRU-4B-011.5
Collection Date: 11/10/2014 1420h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/21/2014 1623h	11/25/2014 1257h	SW6010C	123	31,900	
Antimony	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	4.91	< 4.91	
Arsenic	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	3.07	12.1	
Barium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	5.52	270	
Beryllium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	2.45	< 2.45	
Cadmium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	1.04	1.37	
Calcium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1257h	SW6010C	1,230	12,400	
Chromium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	12.3	83.9	
Cobalt	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	1.66	11.1	
Copper	mg/kg-dry	11/21/2014 1623h	12/3/2014 040h	SW6020A	19.0	96.1	
Iron	mg/kg-dry	11/21/2014 1623h	11/25/2014 1257h	SW6010C	61.3	28,300	
Lead	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	7.97	50.4	
Magnesium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1257h	SW6010C	1,230	6,210	
Manganese	mg/kg-dry	11/21/2014 1623h	12/3/2014 014h	SW6020A	49.1	1,220	
Mercury	mg/kg-dry	11/24/2014 1615h	11/25/2014 1322h	SW7471B	0.0417	0.169	
Nickel	mg/kg-dry	11/21/2014 1623h	12/3/2014 040h	SW6020A	24.5	28.4	
Potassium	mg/kg-dry	11/21/2014 1623h	11/25/2014 1257h	SW6010C	1,230	9,910	
Selenium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	10.4	< 10.4	
Silver	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	1.84	< 1.84	
Sodium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1406h	SW6010C	123	366	
Thallium	mg/kg-dry	11/21/2014 1623h	11/26/2014 1257h	SW6020A	4.91	< 4.91	
Vanadium	mg/kg-dry	11/21/2014 1623h	11/24/2014 1406h	SW6010C	0.613	65.6	
Zinc	mg/kg-dry	11/21/2014 1623h	11/24/2014 1406h	SW6010C	6.13	187	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-001
Client Sample ID: OU3-0-SO-MRU-1B-0
Collection Date: 11/10/2014 900h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1044h	SM4500-P-F	103	4,020	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-002
Client Sample ID: OU3-0-SO-MRU-1B-0.5-1
Collection Date: 11/10/2014 900h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1138h	SM4500-P-F	303	4,230	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-003
Client Sample ID: OU3-0-SO-MRU-1C-0
Collection Date: 11/10/2014 930h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1020h	SM4500-P-F	50.8	1,940	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-004
Client Sample ID: OU3-0-SO-MRU-1C-0.501
Collection Date: 11/10/2014 930h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1140h	SM4500-P-F	310	4,370	

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-005
Client Sample ID: OU3-0-SO-MRU-2B-0
Collection Date: 11/10/2014 1010h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1021h	SM4500-P-F	52.1	3,760	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-006
Client Sample ID: OU3-0-SO-MRU-2B-0.501
Collection Date: 11/10/2014 1010h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1141h	SM4500-P-F	293	1,940	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-007
Client Sample ID: OU3-0-SO-MRU-2C-0
Collection Date: 11/10/2014 1035h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014	1200h	11/26/2014	1022h	SM4500-P-F	51.7	1,800	

This sample was sieved with a 2 mm sieve prior to analysis.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-008
Client Sample ID: OU3-0-SO-MRU-2C-0.501
Collection Date: 11/10/2014 1035h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1142h	SM4500-P-F	304	5,800	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-009
Client Sample ID: OU3-0-SO-MRU-3A-0
Collection Date: 11/10/2014 1130h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1056h	SM4500-P-F	520	5,460	

This sample was sieved with a 2 mm sieve prior to analysis.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-010
Client Sample ID: OU3-0-SO-MRU-3A-0.501
Collection Date: 11/10/2014 1130h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1142h	SM4500-P-F	329	1,610	

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-011
Client Sample ID: OU3-0-SO-MRU-3B-0
Collection Date: 11/10/2014 1200h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1057h	SM4500-P-F	519	4,170	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-012
Client Sample ID: OU3-0-SO-MRU-3B-0.501
Collection Date: 11/10/2014 1200h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1143h	SM4500-P-F	309	6,160	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-013
Client Sample ID: OU3-0-SO-MRU-3C-0
Collection Date: 11/10/2014 1230h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014	1200h	11/26/2014	1041h	SM4500-P-F	51.3	1,260	

This sample was sieved with a 2 mm sieve prior to analysis.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-014
Client Sample ID: OU3-0-SO-MRU-3C-0.501
Collection Date: 11/10/2014 1230h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	12/1/2014 1144h	SM4500-P-F	293	2,200	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-015
Client Sample ID: OU3-0-SO-MRU-4A-0
Collection Date: 11/10/2014 1300h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1107h	SM4500-P-F	5,130	68,400	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-016
Client Sample ID: OU3-0-SO-MRU-4A-0.501
Collection Date: 11/10/2014 1300h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	12/1/2014	1148h	SM4500-P-F	295	5,080	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-017
Client Sample ID: OU3-0-SO-MRU-4B-0
Collection Date: 11/10/2014 1323h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014	1200h	11/26/2014	1016h	SM4500-P-F	53.6	1,900	

This sample was sieved with a 2 mm sieve prior to analysis.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-018
Client Sample ID: OU3-0-SO-MRU-4B-0.501
Collection Date: 11/10/2014 1323h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1325h	SM4500-P-F	308	7,710	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-019
Client Sample ID: OU3-0-SO-MRU-4C-0
Collection Date: 11/10/2014 1435h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1017h	SM4500-P-F	50.8	1,410	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-020
Client Sample ID: OU3-0-SO-MRU-3C-0103
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1342h	SM4500-P-F	353	1,380	

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-021
Client Sample ID: OU3-0-SO-MRU-3C-0304
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1343h	SM4500-P-F	302	872	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-022
Client Sample ID: OU3-9-SO-MRU-3C-0103
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1344h	SM4500-P-F	346	1,560	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-023
Client Sample ID: OU3-0-TL-MRU-3C
Collection Date: 11/10/2014 1505h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1345h	SM4500-P-F	335	1,300	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-024
Client Sample ID: OU3-9-SO-MRU-1C-0
Collection Date: 11/10/2014 930h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1017h	SM4500-P-F	50.8	2,040	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411141-025
Client Sample ID: OU3-0-SO-MRU-4B-011.5
Collection Date: 11/10/2014 1420h
Received Date: 11/10/2014 1711h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1345h	SM4500-P-F	303	5,650	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34437													
Date Analyzed:		11/24/2014 1144h											
Test Code:		6010C-S											
Date Prepared:		11/21/2014 1623h											
Aluminum	95.7	mg/kg	SW6010C	1.72	10.0	100.0	0	95.7	80 - 120				
Calcium	1,020	mg/kg	SW6010C	2.37	100	1,000	0	102	80 - 120				
Iron	106	mg/kg	SW6010C	1.14	5.00	100.0	0	106	80 - 120				
Magnesium	1,040	mg/kg	SW6010C	10.5	100	1,000	0	104	80 - 120				
Potassium	970	mg/kg	SW6010C	20.3	100	1,000	0	97.0	80 - 120				
Sodium	1,010	mg/kg	SW6010C	7.71	100	1,000	0	101	80 - 120				
Vanadium	20.0	mg/kg	SW6010C	0.137	0.500	20.00	0	100	80 - 120				
Zinc	92.1	mg/kg	SW6010C	0.191	5.00	100.0	0	92.1	80 - 120				
Lab Sample ID: LCS-34311													
Date Analyzed:		12/01/2014 1204h											
Test Code:		6010C-S											
Date Prepared:		11/17/2014 1508h											
Aluminum	95.3	mg/kg	SW6010C	1.72	10.0	100.0	0	95.3	80 - 120				
Calcium	1,000	mg/kg	SW6010C	2.37	100	1,000	0	100	80 - 120				
Iron	97.3	mg/kg	SW6010C	1.14	5.00	100.0	0	97.3	80 - 120				
Magnesium	954	mg/kg	SW6010C	10.5	100	1,000	0	95.4	80 - 120				
Potassium	946	mg/kg	SW6010C	20.3	100	1,000	0	94.6	80 - 120				
Sodium	972	mg/kg	SW6010C	7.71	100	1,000	0	97.2	80 - 120				
Vanadium	18.9	mg/kg	SW6010C	0.137	0.500	20.00	0	94.6	80 - 120				
Zinc	87.0	mg/kg	SW6010C	0.191	5.00	100.0	0	87.0	80 - 120				
Lab Sample ID: LCS-34437													
Date Analyzed:		11/26/2014 1241h											
Test Code:		6020-S											
Date Prepared:		11/21/2014 1623h											
Antimony	21.1	mg/kg	SW6020A	0.291	3.20	20.00	0	105	85 - 115				
Arsenic	21.4	mg/kg	SW6020A	0.0648	2.00	20.00	0	107	85 - 115				
Barium	20.3	mg/kg	SW6020A	2.16	3.60	20.00	0	102	85 - 115				
Beryllium	21.7	mg/kg	SW6020A	0.00476	1.60	20.00	0	108	85 - 115				
Cadmium	20.2	mg/kg	SW6020A	0.0135	0.680	20.00	0	101	85 - 115				
Chromium	20.3	mg/kg	SW6020A	1.94	8.00	20.00	0	102	85 - 115				
Cobalt	20.2	mg/kg	SW6020A	0.122	1.08	20.00	0	101	85 - 115				
Lead	20.3	mg/kg	SW6020A	2.40	5.20	20.00	0	101	85 - 115				

Report Date: 12/4/2014 Page 52 of 65

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34437	Date Analyzed:	11/26/2014 1241h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h										
Selenium	21.1	mg/kg	SW6020A	0.436	6.80	20.00	0	106	85 - 115				
Silver	20.6	mg/kg	SW6020A	0.0179	1.20	20.00	0	103	85 - 115				
Thallium	19.3	mg/kg	SW6020A	0.00404	3.20	20.00	0	96.6	85 - 115				
Lab Sample ID: LCS-34437	Date Analyzed:	12/01/2014 2250h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h										
Barium	18.7	mg/kg	SW6020A	2.16	3.60	20.00	0	93.3	85 - 115				
Manganese	19.3	mg/kg	SW6020A	0.536	3.20	20.00	0	96.3	85 - 115				
Lab Sample ID: LCS-34437	Date Analyzed:	12/03/2014 008h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h										
Copper	18.7	mg/kg	SW6020A	1.23	12.4	20.00	0	93.4	85 - 115				
Nickel	18.4	mg/kg	SW6020A	1.75	16.0	20.00	0	92.0	85 - 115				
Lab Sample ID: LCS-34311	Date Analyzed:	12/03/2014 1107h											
Test Code:	6020-S	Date Prepared:	11/17/2014 1508h										
Nickel	18.5	mg/kg	SW6020A	1.75	16.0	20.00	0	92.7	85 - 115				
Lab Sample ID: LCS-34311	Date Analyzed:	12/03/2014 853h											
Test Code:	6020-S	Date Prepared:	11/17/2014 1508h										
Antimony	19.9	mg/kg	SW6020A	0.364	4.00	20.00	0	99.5	85 - 115				
Arsenic	20.4	mg/kg	SW6020A	0.0810	2.50	20.00	0	102	85 - 115				
Barium	19.9	mg/kg	SW6020A	2.70	4.50	20.00	0	99.3	85 - 115				
Beryllium	19.7	mg/kg	SW6020A	0.00595	2.00	20.00	0	98.5	85 - 115				
Cadmium	19.3	mg/kg	SW6020A	0.0168	0.850	20.00	0	96.5	85 - 115				
Chromium	19.5	mg/kg	SW6020A	2.43	10.0	20.00	0	97.6	85 - 115				
Cobalt	19.3	mg/kg	SW6020A	0.152	1.35	20.00	0	96.7	85 - 115				
Copper	19.6	mg/kg	SW6020A	1.54	15.5	20.00	0	98.0	85 - 115				
Lead	19.7	mg/kg	SW6020A	3.00	6.50	20.00	0	98.3	85 - 115				
Manganese	19.5	mg/kg	SW6020A	0.670	4.00	20.00	0	97.3	85 - 115				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34311	Date Analyzed:	12/03/2014	853h										
Test Code:	6020-S	Date Prepared:	11/17/2014	1508h									
Selenium	19.5	mg/kg	SW6020A	0.545	8.50	20.00	0	97.4	85 - 115				
Silver	19.6	mg/kg	SW6020A	0.0224	1.50	20.00	0	98.2	85 - 115				
Thallium	18.8	mg/kg	SW6020A	0.00505	4.00	20.00	0	93.8	85 - 115				
Lab Sample ID: LCS-34416	Date Analyzed:	11/24/2014	848h										
Test Code:	HG-S-7471B	Date Prepared:	11/20/2014	1615h									
Mercury	0.408	mg/kg	SW7471B	0.00301	0.0400	0.4000	0	102	80 - 120				
Lab Sample ID: LCS-34456	Date Analyzed:	11/25/2014	1000h										
Test Code:	HG-S-7471B	Date Prepared:	11/24/2014	1615h									
Mercury	0.416	mg/kg	SW7471B	0.00301	0.0400	0.4000	0	104	80 - 120				
Lab Sample ID: LCS-34457	Date Analyzed:	11/25/2014	1252h										
Test Code:	HG-S-7471B	Date Prepared:	11/24/2014	1615h									
Mercury	0.433	mg/kg	SW7471B	0.00301	0.0400	0.4000	0	108	80 - 120				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	MB-34437	Date Analyzed:	11/24/2014 1142h											
Test Code:	6010C-S	Date Prepared:	11/21/2014 1623h											
Aluminum		< 10.0	mg/kg	SW6010C	1.72	10.0								
Calcium		< 100	mg/kg	SW6010C	2.37	100								
Iron		< 5.00	mg/kg	SW6010C	1.14	5.00								
Magnesium		< 100	mg/kg	SW6010C	10.5	100								
Potassium		< 100	mg/kg	SW6010C	20.3	100								
Sodium		< 100	mg/kg	SW6010C	7.71	100								
Vanadium		< 0.500	mg/kg	SW6010C	0.137	0.500								
Zinc		< 5.00	mg/kg	SW6010C	0.191	5.00								
Lab Sample ID:	MB-34311	Date Analyzed:	12/01/2014 1202h											
Test Code:	6010C-S	Date Prepared:	11/17/2014 1508h											
Aluminum		< 10.0	mg/kg	SW6010C	1.72	10.0								
Calcium		< 100	mg/kg	SW6010C	2.37	100								
Iron		< 5.00	mg/kg	SW6010C	1.14	5.00								
Magnesium		< 100	mg/kg	SW6010C	10.5	100								
Potassium		< 100	mg/kg	SW6010C	20.3	100								
Sodium		< 100	mg/kg	SW6010C	7.71	100								
Vanadium		< 0.500	mg/kg	SW6010C	0.137	0.500								
Zinc		< 5.00	mg/kg	SW6010C	0.191	5.00								
Lab Sample ID:	MB-34437	Date Analyzed:	11/26/2014 1238h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h											
Antimony		< 4.00	mg/kg	SW6020A	0.364	4.00								
Arsenic		< 2.50	mg/kg	SW6020A	0.0810	2.50								
Barium		< 4.50	mg/kg	SW6020A	2.70	4.50								
Beryllium		< 2.00	mg/kg	SW6020A	0.00595	2.00								
Cadmium		< 0.850	mg/kg	SW6020A	0.0168	0.850								
Chromium		< 10.0	mg/kg	SW6020A	2.43	10.0								
Cobalt		< 1.35	mg/kg	SW6020A	0.152	1.35								
Lead		< 6.50	mg/kg	SW6020A	3.00	6.50								

Report Date: 12/4/2014 Page 55 of 65

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34437	Date Analyzed:	11/26/2014 1238h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h										
Selenium	< 8.50	mg/kg	SW6020A	0.545	8.50								
Silver	< 1.50	mg/kg	SW6020A	0.0224	1.50								
Thallium	< 4.00	mg/kg	SW6020A	0.00505	4.00								
Lab Sample ID: MB-34437	Date Analyzed:	12/01/2014 2237h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h										
Barium	< 4.50	mg/kg	SW6020A	2.70	4.50								
Manganese	< 4.00	mg/kg	SW6020A	0.670	4.00								
Lab Sample ID: MB-34437	Date Analyzed:	12/03/2014 004h											
Test Code:	6020-S	Date Prepared:	11/21/2014 1623h										
Copper	< 15.5	mg/kg	SW6020A	1.54	15.5								
Nickel	< 20.0	mg/kg	SW6020A	2.18	20.0								
Lab Sample ID: MB-34311	Date Analyzed:	12/03/2014 850h											
Test Code:	6020-S	Date Prepared:	11/17/2014 1508h										
Antimony	< 4.00	mg/kg	SW6020A	0.364	4.00								
Arsenic	< 2.50	mg/kg	SW6020A	0.0810	2.50								
Barium	< 4.50	mg/kg	SW6020A	2.70	4.50								
Beryllium	< 2.00	mg/kg	SW6020A	0.00595	2.00								
Cadmium	< 0.850	mg/kg	SW6020A	0.0168	0.850								
Chromium	< 10.0	mg/kg	SW6020A	2.43	10.0								
Cobalt	< 1.35	mg/kg	SW6020A	0.152	1.35								
Copper	< 15.5	mg/kg	SW6020A	1.54	15.5								
Lead	< 6.50	mg/kg	SW6020A	3.00	6.50								
Manganese	< 4.00	mg/kg	SW6020A	0.670	4.00								
Nickel	< 20.0	mg/kg	SW6020A	2.18	20.0								
Selenium	< 8.50	mg/kg	SW6020A	0.545	8.50								
Silver	< 1.50	mg/kg	SW6020A	0.0224	1.50								
Thallium	< 4.00	mg/kg	SW6020A	0.00505	4.00								

Report Date: 12/4/2014 Page 56 of 65

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34416	Date Analyzed:	11/24/2014	846h										
Test Code:	HG-S-7471B	Date Prepared:	11/20/2014	1615h									
Mercury	< 0.0400	mg/kg	SW7471B	0.00301	0.0400								
Lab Sample ID: MB-34456	Date Analyzed:	11/25/2014	958h										
Test Code:	HG-S-7471B	Date Prepared:	11/24/2014	1615h									
Mercury	< 0.0400	mg/kg	SW7471B	0.00301	0.0400								
Lab Sample ID: MB-34457	Date Analyzed:	11/25/2014	1250h										
Test Code:	HG-S-7471B	Date Prepared:	11/24/2014	1615h									
Mercury	< 0.0400	mg/kg	SW7471B	0.00301	0.0400								



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-002AMS													
Test Code: 6010C-S	Date Analyzed: 12/01/2014 1214h	Date Prepared: 11/17/2014 1508h											
Aluminum	24,900	mg/kg-dry	SW6010C	21.8	127	126.6	25500	-505	75 - 125				3
Calcium	9,870	mg/kg-dry	SW6010C	30.0	1,270	1,266	15900	-473	75 - 125				3
Iron	16,600	mg/kg-dry	SW6010C	14.4	63.3	126.6	17100	-387	75 - 125				3
Magnesium	4,970	mg/kg-dry	SW6010C	133	1,270	1,266	4050	73.3	75 - 125				3
Potassium	7,020	mg/kg-dry	SW6010C	257	1,270	1,266	6330	54.4	75 - 125				3
Lab Sample ID: 1411141-002AMS													
Test Code: 6010C-S	Date Analyzed: 12/01/2014 1427h	Date Prepared: 11/17/2014 1508h											
Sodium	1,600	mg/kg-dry	SW6010C	9.76	127	1,266	0	127	75 - 125				3
Vanadium	71.4	mg/kg-dry	SW6010C	0.173	0.633	25.31	0	282	75 - 125				3
Zinc	266	mg/kg-dry	SW6010C	0.242	6.33	126.6	0.55	210	75 - 125				3
Lab Sample ID: 1411141-002AMS													
Test Code: 6020-S	Date Analyzed: 12/03/2014 909h	Date Prepared: 11/17/2014 1508h											
Antimony	26.1	mg/kg-dry	SW6020A	0.460	5.06	25.31	0	103	75 - 125				
Arsenic	35.9	mg/kg-dry	SW6020A	0.103	3.16	25.31	13.8	87.2	75 - 125				
Barium	274	mg/kg-dry	SW6020A	3.42	5.70	25.31	299	-99.4	75 - 125				3
Beryllium	25.8	mg/kg-dry	SW6020A	0.00753	2.53	25.31	1.29	96.8	75 - 125				
Cadmium	26.3	mg/kg-dry	SW6020A	0.0213	1.08	25.31	2.83	92.6	75 - 125				
Chromium	130	mg/kg-dry	SW6020A	3.08	12.7	25.31	124	21.9	75 - 125				3
Cobalt	31.0	mg/kg-dry	SW6020A	0.192	1.71	25.31	9.32	85.4	75 - 125				
Copper	46.7	mg/kg-dry	SW6020A	1.94	19.6	25.31	27	78.0	75 - 125				
Lead	56.4	mg/kg-dry	SW6020A	3.79	8.23	25.31	48.6	30.7	75 - 125				3
Nickel	46.4	mg/kg-dry	SW6020A	2.77	25.3	25.31	0	183	75 - 125				3
Selenium	24.1	mg/kg-dry	SW6020A	0.690	10.8	25.31	0	95.2	75 - 125				
Silver	24.9	mg/kg-dry	SW6020A	0.0284	1.90	25.31	1.23	93.4	75 - 125				
Thallium	23.7	mg/kg-dry	SW6020A	0.00639	5.06	25.31	0.416	91.9	75 - 125				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-002AMS	Date Analyzed:	12/03/2014 1903h											
Test Code:	6020-S	Date Prepared:	11/17/2014 1508h										
Manganese	754	mg/kg-dry	SW6020A	8.48	50.6	25.31	929	-691	75 - 125				²
Lab Sample ID: 1411141-001AMS	Date Analyzed:	11/24/2014 855h											
Test Code:	HG-S-7471B	Date Prepared:	11/20/2014 1615h										
Mercury	1.20	mg/kg-dry	SW7471B	0.00288	0.0383	0.3831	0.712	127	80 - 120				@
Lab Sample ID: 1411141-006AMS	Date Analyzed:	11/25/2014 1007h											
Test Code:	HG-S-7471B	Date Prepared:	11/24/2014 1615h										
Mercury	0.512	mg/kg-dry	SW7471B	0.00327	0.0434	0.4340	0.0612	104	80 - 120				
Lab Sample ID: 1411141-015AMS	Date Analyzed:	11/25/2014 1259h											
Test Code:	HG-S-7471B	Date Prepared:	11/24/2014 1615h										
Mercury	0.654	mg/kg-dry	SW7471B	0.00297	0.0395	0.3948	0.306	88.3	80 - 120				

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-002AMSD		Date Analyzed:	12/01/2014 1215h										
Test Code: 6010C-S		Date Prepared:	11/17/2014 1508h										
Aluminum	33,200	mg/kg-dry	SW6010C	21.0	122	122.1	25500	6,270	75 - 125	24900	28.6	20	3
Calcium	16,800	mg/kg-dry	SW6010C	28.9	1,220	1,221	15900	79.5	75 - 125	9870	52.1	20	3
Iron	23,600	mg/kg-dry	SW6010C	13.9	61.0	122.1	17100	5,350	75 - 125	16600	35.0	20	3
Magnesium	6,320	mg/kg-dry	SW6010C	128	1,220	1,221	4050	186	75 - 125	4970	23.9	20	3
Potassium	9,140	mg/kg-dry	SW6010C	248	1,220	1,221	6330	230	75 - 125	7020	26.2	20	3
Lab Sample ID: 1411141-002AMSD		Date Analyzed:	12/01/2014 1429h										
Test Code: 6010C-S		Date Prepared:	11/17/2014 1508h										
Sodium	1,760	mg/kg-dry	SW6010C	9.41	122	1,221	0	144	75 - 125	0	200	20	3
Vanadium	83.5	mg/kg-dry	SW6010C	0.167	0.610	24.41	0	342	75 - 125	0	200	20	3
Zinc	310	mg/kg-dry	SW6010C	0.233	6.10	122.1	0.55	254	75 - 125	0.55	199	20	3
Lab Sample ID: 1411141-002AMSD		Date Analyzed:	12/03/2014 912h										
Test Code: 6020-S		Date Prepared:	11/17/2014 1508h										
Antimony	26.7	mg/kg-dry	SW6020A	0.444	4.88	24.41	0	109	75 - 125	26.1	2.53	20	
Arsenic	39.5	mg/kg-dry	SW6020A	0.0989	3.05	24.41	13.8	105	75 - 125	35.9	9.54	20	
Barium	333	mg/kg-dry	SW6020A	3.30	5.49	24.41	299	137	75 - 125	274	19.3	20	3
Beryllium	25.7	mg/kg-dry	SW6020A	0.00726	2.44	24.41	1.29	99.9	75 - 125	25.8	0.451	20	
Cadmium	26.6	mg/kg-dry	SW6020A	0.0206	1.04	24.41	2.83	97.4	75 - 125	26.3	1.34	20	
Chromium	151	mg/kg-dry	SW6020A	2.97	12.2	24.41	124	108	75 - 125	130	14.9	20	
Cobalt	32.6	mg/kg-dry	SW6020A	0.186	1.65	24.41	9.32	95.4	75 - 125	31	5.25	20	
Copper	50.7	mg/kg-dry	SW6020A	1.87	18.9	24.41	27	97.1	75 - 125	46.7	8.14	20	
Lead	77.7	mg/kg-dry	SW6020A	3.66	7.93	24.41	48.6	119	75 - 125	56.4	31.8	20	@
Nickel	49.1	mg/kg-dry	SW6020A	2.67	24.4	24.41	0	201	75 - 125	46.4	5.82	20	3
Selenium	24.0	mg/kg-dry	SW6020A	0.665	10.4	24.41	0	98.4	75 - 125	24.1	0.276	20	
Silver	24.4	mg/kg-dry	SW6020A	0.0273	1.83	24.41	1.23	95.0	75 - 125	24.9	1.87	20	
Thallium	23.0	mg/kg-dry	SW6020A	0.00616	4.88	24.41	0.416	92.6	75 - 125	23.7	2.79	20	



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-002AMSD Date Analyzed: 12/03/2014 1906h Test Code: 6020-S Date Prepared: 11/17/2014 1508h													
Manganese	948	mg/kg-dry	SW6020A	8.18	48.8	24.41	929	80.2	75 - 125	754	22.9	20	²
Lab Sample ID: 1411141-001AMSD Date Analyzed: 11/24/2014 857h Test Code: HG-S-7471B Date Prepared: 11/20/2014 1615h													
Mercury	1.04	mg/kg-dry	SW7471B	0.00268	0.0357	0.3566	0.712	92.6	80 - 120	1.2	13.9	20	
Lab Sample ID: 1411141-006AMSD Date Analyzed: 11/25/2014 1009h Test Code: HG-S-7471B Date Prepared: 11/24/2014 1615h													
Mercury	0.555	mg/kg-dry	SW7471B	0.00339	0.0451	0.4507	0.0612	110	80 - 120	0.512	8.00	20	
Lab Sample ID: 1411141-015AMSD Date Analyzed: 11/25/2014 1301h Test Code: HG-S-7471B Date Prepared: 11/24/2014 1615h													
Mercury	0.656	mg/kg-dry	SW7471B	0.00297	0.0395	0.3948	0.306	88.8	80 - 120	0.654	0.301	20	

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411141

Project: Richardson Flat OU3

Contact: Kerry Gee

Dept: WC

QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34327	Date Analyzed:	11/26/2014 956h											
Test Code: PO4-S-4500PF	Date Prepared:	11/18/2014 1200h											
Phosphate, Total (as P)	51.2	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	102	90 - 110				
Lab Sample ID: LCS-34270	Date Analyzed:	11/26/2014 1324h											
Test Code: PO4-S-4500PF	Date Prepared:	11/14/2014 1150h											
Phosphate, Total (as P)	54.4	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	109	90 - 110				
Lab Sample ID: LCS-34249	Date Analyzed:	12/01/2014 1138h											
Test Code: PO4-S-4500PF	Date Prepared:	11/13/2014 1032h											
Phosphate, Total (as P)	51.0	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	102	90 - 110				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411141

Project: Richardson Flat OU3

Contact: Kerry Gee

Dept: WC

QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34327	Date Analyzed:	11/26/2014	955h										
Test Code: PO4-S-4500PF	Date Prepared:	11/18/2014	1200h										
Phosphate, Total (as P)	< 5.00	mg/kg	SM4500-P-F	1.06	5.00								
Lab Sample ID: MB-34270	Date Analyzed:	11/26/2014	1323h										
Test Code: PO4-S-4500PF	Date Prepared:	11/14/2014	1150h										
Phosphate, Total (as P)	< 5.00	mg/kg	SM4500-P-F	1.06	5.00								
Lab Sample ID: MB-34249	Date Analyzed:	12/01/2014	1133h										
Test Code: PO4-S-4500PF	Date Prepared:	11/13/2014	1032h										
Phosphate, Total (as P)	< 5.00	mg/kg	SM4500-P-F	1.06	5.00								



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-001AMS	Date Analyzed:	11/26/2014 1044h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	4,450	mg/kg-dry	SM4500-P-F	21.9	103	51.71	4020	828	80 - 120				²
Lab Sample ID: 1411161-005AMS	Date Analyzed:	11/26/2014 1105h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	6,730	mg/kg-dry	SM4500-P-F	113	534	53.38	0	12,600	80 - 120				²
Lab Sample ID: 1411141-015AMS	Date Analyzed:	11/26/2014 1108h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	66,600	mg/kg-dry	SM4500-P-F	1,090	5,130	51.33	0	130,000	80 - 120				²
Lab Sample ID: 1411141-018AMS	Date Analyzed:	11/26/2014 1341h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	4,170	mg/kg-dry	SM4500-P-F	65.3	308	61.62	7710	-5,760	80 - 120				²
Lab Sample ID: 1411161-001AMS	Date Analyzed:	11/26/2014 1347h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	2,360	mg/kg-dry	SM4500-P-F	64.8	306	61.13	2130	388	80 - 120				²
Lab Sample ID: 1411141-002AMS	Date Analyzed:	12/01/2014 1139h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/13/2014 1032h										
Phosphate, Total (as P)	5,900	mg/kg-dry	SM4500-P-F	64.1	303	60.50	4230	2,750	80 - 120				²
Lab Sample ID: 1411184-002AMS	Date Analyzed:	12/01/2014 1205h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/13/2014 1032h										
Phosphate, Total (as P)	1,510	mg/kg-dry	SM4500-P-F	59.5	281	56.12	0	2,700	80 - 120				¹

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411141
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-001AMSD	Date Analyzed:	11/26/2014 1045h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	3,930	mg/kg-dry	SM4500-P-F	21.9	103	51.71	4020	-167	80 - 120	4450	12.3	20	²
Lab Sample ID: 1411141-015AMSD	Date Analyzed:	11/26/2014 1103h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	56,500	mg/kg-dry	SM4500-P-F	1,090	5,130	51.33	0	110,000	80 - 120	0	0	20	²
Lab Sample ID: 1411161-005AMSD	Date Analyzed:	11/26/2014 1105h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	660	mg/kg-dry	SM4500-P-F	113	534	53.38	0	1,240	80 - 120	0	0	20	²
Lab Sample ID: 1411141-018AMSD	Date Analyzed:	11/26/2014 1342h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	4,040	mg/kg-dry	SM4500-P-F	65.3	308	61.62	7710	-5,970	80 - 120	4170	3.14	20	²
Lab Sample ID: 1411161-001AMSD	Date Analyzed:	11/26/2014 1347h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	1,920	mg/kg-dry	SM4500-P-F	64.8	306	61.13	2130	-341	80 - 120	2360	20.8	20	²
Lab Sample ID: 1411141-002AMSD	Date Analyzed:	12/01/2014 1140h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/13/2014 1032h										
Phosphate, Total (as P)	4,890	mg/kg-dry	SM4500-P-F	64.1	303	60.50	4230	1,100	80 - 120	5900	18.6	20	²
Lab Sample ID: 1411184-002AMSD	Date Analyzed:	12/01/2014 1206h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/13/2014 1032h										
Phosphate, Total (as P)	1,080	mg/kg-dry	SM4500-P-F	59.5	281	56.12	0	1,930	80 - 120	1510	33.1	20	¹ @

@ - High RPD due to suspected sample non-homogeneity or matrix interference.

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

WORK ORDER Summary

Work Order: **1411141** Page 1 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Client ID: UNI100

Contact: Kerry Gee

Project: Richardson Flat OU3

QC Level: II+

WO Type: Standard

Comments: QC 2+. Include EDD. Email copy of report to Dan Dean / All samples ending in "0" need to be sieved, before pmoist or digestion. Use a 2mm (#10 sieve).
See Pat for special instructions.;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-001A	OU3-0-SO-MRU-1B-0	11/10/2014 0900h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S			df / metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S			df / metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B			df / metals
				HG-S-PR-B			df / metals
1411141-002A	OU3-0-SO-MRU-1B-0.5-1	11/10/2014 0900h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S			df / metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S			df / metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B			df / metals
				HG-S-PR-B			df / metals
1411141-003A	OU3-0-SO-MRU-1C-0	11/10/2014 0930h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S			df / metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S			df / metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B			df / metals
				HG-S-PR-B			df / metals
				PMOIST			df / metals
				PO4-S-4500PF			df / metals
				PO4-S-PR			df / metals

WORK ORDER Summary

Work Order: **1411141**

Page 2 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-003A	OU3-0-SO-MRU-1C-0	11/10/2014 0930h	11/10/2014 1711h	PO4-S-PR	Soil	df /	metals 3
1411141-004A	OU3-0-SO-MRU-1C-0.501	11/10/2014 0930h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals
				PMOIST		df /	metals
				PO4-S-4500PF		df /	metals
				PO4-S-PR		df /	metals
1411141-005A	OU3-0-SO-MRU-2B-0	11/10/2014 1010h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals
				PMOIST		df /	metals
				PO4-S-4500PF		df /	metals
				PO4-S-PR		df /	metals
1411141-006A	OU3-0-SO-MRU-2B-0.501	11/10/2014 1010h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals
				PMOIST		df /	metals
				PO4-S-4500PF		df /	metals
				PO4-S-PR		df /	metals
1411141-007A	OU3-0-SO-MRU-2C-0	11/10/2014 1035h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			

WORK ORDER Summary

Work Order: **1411141**

Page 3 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-007A	OU3-0-SO-MRU-2C-0	11/10/2014 1035h	11/10/2014 1711h	6020-S	Soil	df / metals	3
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	
1411141-008A	OU3-0-SO-MRU-2C-0.501	11/10/2014 1035h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df / metals	3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	
1411141-009A	OU3-0-SO-MRU-3A-0	11/10/2014 1130h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df / metals	3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	
1411141-010A	OU3-0-SO-MRU-3A-0.501	11/10/2014 1130h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df / metals	3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG			
				TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	

WORK ORDER Summary

Work Order: **1411141**

Page 4 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-010A	OU3-0-SO-MRU-3A-0.501	11/10/2014 1130h	11/10/2014 1711h	PMOIST	Soil		df / metals 3
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	
1411141-011A	OU3-0-SO-MRU-3B-0	11/10/2014 1200h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	
1411141-012A	OU3-0-SO-MRU-3B-0.501	11/10/2014 1200h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
1411141-013A	OU3-0-SO-MRU-3C-0	11/10/2014 1230h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
1411141-014A	OU3-0-SO-MRU-3C-0.501	11/10/2014 1230h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3

WORK ORDER Summary

Work Order: **1411141**

Page 5 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-014A	OU3-0-SO-MRU-3C-0.501	11/10/2014 1230h	11/10/2014 1711h	6010C-S	Soil	df /	metals 3
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals
				PMOIST		df /	metals
1411141-015A	OU3-0-SO-MRU-4A-0	11/10/2014 1300h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals
1411141-016A	OU3-0-SO-MRU-4A-0.501	11/10/2014 1300h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals
1411141-017A	OU3-0-SO-MRU-4B-0	11/10/2014 1323h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df /	metals 3
				6010C-S		df /	metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df /	metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df /	metals
				HG-S-PR-B		df /	metals

WORK ORDER Summary

Work Order: **1411141**

Page 6 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-017A	OU3-0-SO-MRU-4B-0	11/10/2014 1323h	11/10/2014 1711h	HG-S-7471B	Soil		df / metals 3
				HG-S-PR-B			df / metals
				PMOIST			df / metals
				PO4-S-4500PF			df / metals
				PO4-S-PR			df / metals
1411141-018A	OU3-0-SO-MRU-4B-0.501	11/10/2014 1323h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S			df / metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S			df / metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B			df / metals
				HG-S-PR-B			df / metals
				PMOIST			df / metals
				PO4-S-4500PF			df / metals
PO4-S-PR		df / metals					
1411141-019A	OU3-0-SO-MRU-4C-0	11/10/2014 1435h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S			df / metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S			df / metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B			df / metals
				HG-S-PR-B			df / metals
				PMOIST			df / metals
				PO4-S-4500PF			df / metals
PO4-S-PR		df / metals					
1411141-020A	OU3-0-SO-MRU-3C-0103	11/10/2014 1505h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S			df / metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S			df / metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B			df / metals
				HG-S-PR-B			df / metals
				PMOIST			df / metals
				PO4-S-4500PF			df / metals
PO4-S-PR		df / metals					

WORK ORDER Summary

Work Order: **1411141**

Page 7 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-021A	OU3-0-SO-MRU-3C-0304	11/10/2014 1505h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
PO4-S-PR	df / metals						
1411141-022A	OU3-9-SO-MRU-3C-0103	11/10/2014 1505h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
PO4-S-PR	df / metals						
1411141-023A	OU3-0-TL-MRU-3C	11/10/2014 1505h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
PO4-S-PR	df / metals						
1411141-024A	OU3-9-SO-MRU-1C-0	11/10/2014 0930h	11/10/2014 1711h	3051A-ICPMS-PR	Soil		df / metals 3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			

WORK ORDER Summary

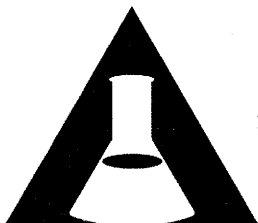
Work Order: **1411141**

Page 8 of 8

Client: United Park City Mines Co.

Due Date: 12/3/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411141-024A	OU3-9-SO-MRU-1C-0	11/10/2014 0930h	11/10/2014 1711h	6020-S	Soil	df / metals	3
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	
1411141-025A	OU3-0-SO-MRU-4B-011.5	11/10/2014 1420h	11/10/2014 1711h	3051A-ICPMS-PR	Soil	df / metals	3
				6010C-S		df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-S		df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-S-7471B		df / metals	
				HG-S-PR-B		df / metals	
				PMOIST		df / metals	
				PO4-S-4500PF		df / metals	
				PO4-S-PR		df / metals	



AMERICAN WEST ANALYTICAL LABORATORIES

463 W. 3600 S. SALT LAKE CITY, UT 84115
PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM

WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

1411141
AWAL LAB SAMPLE SET #
PAGE 1 OF 2

CLIENT: United Park City Mines
ADDRESS: PO Box 1750
Park City, UT 84060
CONTACT: Kerry Gee, Dan Deem
PHONE #: 435 338-1101, 801-253-7026 CELL #: 304-614-0382, 915-5541
EMAIL: kerry@unitedparkcity.com, dan@rmc-ut.com
PROJECT NAME: Richardson Flat 003
PROJECT #:
PO #:
SAMPLER NAME: Dan Deem, Maggi Trimble, Andrea Hannam

SAMPLE ID:		DATE SAMPLED	TIME SAMPLED	# OF CONTAINERS	SAMPLE MATRIX	OC LEVEL:	TURN AROUND TIME:	UNLESS OTHER ARRANGEMENTS HAVE BEEN MADE, SIGNED REPORTS WILL BE EMAILED BY 5:00 PM ON THE DAY THEY ARE DUE.	DUE DATE:
						1 2 3 3+	1 2 3 4 5 STND	<input type="checkbox"/> REPORT DOWN TO THE MDL <input checked="" type="checkbox"/> INCLUDE EDD: <input type="checkbox"/> LAB FILTER FOR: <input type="checkbox"/> FIELD FILTERED FOR:	LABORATORY USE ONLY
								FOR COMPLIANCE WITH: <input type="checkbox"/> NELAP <input type="checkbox"/> RCRA <input type="checkbox"/> CWA <input type="checkbox"/> SDWA <input type="checkbox"/> ELAP / A2LA <input type="checkbox"/> NLLAP <input type="checkbox"/> NON-COMPLIANCE <input type="checkbox"/> OTHER:	SAMPLES WERE:
								KNOWN HAZARDS & SAMPLE COMMENTS	1 SHIPPED OR HAND DELIVERED
1	* 003-0-SO-MRU-1B-0	11/10/14	0900	3	TAL Metals, Phosphorus (see attached list)				2 AMBIENT OR CHILLED
2	003-0-SO-MRU-1B-0.5-1	11/10/14	0900	3					3 TEMPERATURE <u>6.6</u> °C
3	* 003-0-SO-MRU-1C-0		0930						4 RECEIVED BROKEN/LEAKING (IMPROPERLY SEALED) Y <u>N</u>
4	003-0-SO-MRU-1C-0.501		0930						5 PROPERLY PRESERVED Y <u>N</u> CHECKED AT BENCH
5	* 003-0-SO-MRU-2B-0		1010						6 RECEIVED WITHIN HOLDING TIMES Y <u>N</u>
6	003-0-SO-MRU-2B-0.501		1010						
7	* 003-0-SO-MRU-2C-0		1035						
8	003-0-SO-MRU-2C-0.501		1035						
9	* 003-0-SO-MRU-3A-0		1130						
10	003-0-SO-MRU-3A-0.501		1130						
11	* 003-0-SO-MRU-3B-0		1200						
12	003-0-SO-MRU-3B-0.501		1200						

RELINQUISHED BY: SIGNATURE: <u>Maggi Trimble</u>	DATE: <u>11/10/14</u> TIME: <u>5:11pm</u>	RECEIVED BY: SIGNATURE: <u>Elma Hays</u>	DATE: <u>11/10/14</u> TIME: <u>11</u>	SPECIAL INSTRUCTIONS:
PRINT NAME: <u>Maggi Trimble</u>		PRINT NAME: <u>Elma Hays</u>		All samples ending in "-0" and marked w/ *, sieve to <2mm
RELINQUISHED BY: SIGNATURE:	DATE: TIME:	RECEIVED BY: SIGNATURE:	DATE: TIME:	
PRINT NAME:		PRINT NAME:		
RELINQUISHED BY: SIGNATURE:	DATE: TIME:	RECEIVED BY: SIGNATURE:	DATE: TIME:	TAT - 15 bus. days, discount per Pat Noteboom.
PRINT NAME:		PRINT NAME:		
RELINQUISHED BY: SIGNATURE:	DATE: TIME:	RECEIVED BY: SIGNATURE:	DATE: TIME:	
PRINT NAME:		PRINT NAME:		

**AMERICAN WEST
ANALYTICAL LABORATORIES**

463 W. 3600 S. SALT LAKE CITY, UT 84115
PHONE # (801) 263-8686 TOLL FREE # (888) 263-8686
FAX # (801) 263-8687 EMAIL AWAL@AWAL-LABS.COM

WWW.AWAL-LABS.COM

CHAIN OF CUSTODY

ALL ANALYSIS WILL BE CONDUCTED USING NELAP ACCREDITED METHODS AND ALL DATA WILL BE REPORTED USING AWAL'S STANDARD ANALYTE LISTS AND REPORTING LIMITS (PQL) UNLESS SPECIFICALLY REQUESTED OTHERWISE ON THIS CHAIN OF CUSTODY AND/OR ATTACHED DOCUMENTATION.

141141
AWAL LAB SAMPLE SET #
PAGE 2 OF 2

CLIENT: United Park City Mines
ADDRESS: PO Box 1450
Park City, UT 84060
CONTACT: Kerry Gee, Dan Dean
PHONE #: 435-333-6601, 801-255-2666 CELL #: 801-894-0382
EMAIL: kgeee@unitedpark.com, 801-915-5541
BT NAME: Richardson Flat 003 dan@rmc-ut.com
OBJECT #:
PO #:
ER NAME: Dan Dean, Maggi Trimble, Andrea Harmon

SAMPLE ID:		DATE SAMPLED	TIME SAMPLED	# OF C	SAMPLE	TA	SE	KNOWN HAZARDS & SAMPLE COMMENTS	RECEIVED WITHIN HOLDING TIMES
13	*1	003-0-SO-MRU-3C-0	11/10/14	1230	3				Y
14	2	003-0-SO-MRU-3C-0.501		1230					N
15	*3	003-0-SO-MRU-4A-0		1300					
16	4	003-0-SO-MRU-4A-0.501		1300					
17	*5	003-0-SO-MRU-4B-0		1323					
18	6	003-0-SO-MRU-4B-0.501		1323					
19	*7	003-0-SO-MRU-4C-0		1435					
20	8	003-0-SO-MRU-3C-0103		1505					
21	9	003-0-SO-MRU-3C-0304		1505					
22	10	003-9-SO-MRU-3C-0103		1505					
23	11	003-0-TL-MRU-3C		1505					
24	*12	003-9-SO-MRU-1C-0		0930					

COC TAPE WAS:

1. PRESENT ON OUTER PACKAGE
Y N NA

2. UNBROKEN ON OUTER PACKAGE
Y N NA

3. PRESENT ON SAMPLE
Y N NA

4. UNBROKEN ON SAMPLE
Y N NA

11-10-14

DISCREPANCIES BETWEEN SAMPLE LABELS AND COC RECORD?
Y N

RELINQUISHED BY: SIGNATURE <i>[Signature]</i>	DATE: 5:11 PM	RECEIVED BY: SIGNATURE <i>[Signature]</i>	DATE: 11/10/14	SPECIAL INSTRUCTIONS: All Samples ending in "-0" and marked w/ A sieve to 42mm TAT - 15 bus. days, discount per Pat Notebook
PRINT NAME: Magg Trimbler	TIME: 11/10/14	PRINT NAME: Elma Hyl...	TIME: 7:11	
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:	
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:	
RELINQUISHED BY: SIGNATURE	DATE:	RECEIVED BY: SIGNATURE	DATE:	
PRINT NAME:	TIME:	PRINT NAME:	TIME:	

25-043-0-50-MRU-46-011.5 11/10/14 1420 (added per SAN) _{ch} _{ch}

SOIL	Metals (Laboratory):	SW846 6020A	Glass Jar	4 oz.	0 - 6°C	None	180
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Calcium						
	Chromium						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Magnesium						
	Manganese						
	Nickel						
	Potassium						
	Selenium						
	Silver						
	Sodium						
	Thallium						
	Vanadium						
	Zinc						
	Mercury	SW846 7471B					28
	Phosphorus	SW846 6010B					180



Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060
TEL: (435) 608-0954

Dear Kerry Gee:

Lab Set ID: 1411161

3440 South 700 West
Salt Lake City, UT 84119

American West Analytical Laboratories received 20 sample(s) on 11/11/2014 for the analyses presented in the following report.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

Thank You,

Approved by: _____
Laboratory Director or designee



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-001
Client Sample ID: OU3-0-SO-MRU-2C-0506
Collection Date: 11/11/2014 1230h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1038h	SW6010C	126	25,000	³
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	5.06	16.0	³
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	3.16	30.9	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	5.69	195	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	2.53	< 2.53	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	1.07	89.9	³
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1038h	SW6010C	1,260	6,140	³
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	12.6	49.5	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	1.71	9.07	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	19.6	32.4	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1038h	SW6010C	63.2	19,200	³
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	8.21	63.1	³
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1038h	SW6010C	1,260	6,360	³
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1353h	SW6020A	50.6	5,130	³
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1117h	SW7471B	0.0408	0.381	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	25.3	< 25.3	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1038h	SW6010C	1,260	6,090	³
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	10.7	< 10.7	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	1.90	< 1.90	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1524h	SW6010C	126	438	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 137h	SW6020A	5.06	< 5.06	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1524h	SW6010C	0.632	42.2	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1038h	SW6010C	63.2	5,070	³

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-002

Client Sample ID: OU3-0-TL-MRU-2C

Collection Date: 11/11/2014 1230h

Received Date: 11/11/2014 1645h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1046h	SW6010C	126	18,200	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	1403h	SW6020A	50.4	702	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	3.15	559	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	5.67	239	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	2.52	< 2.52	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	1.07	71.5	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1046h	SW6010C	1,260	8,690	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	12.6	37.6	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	1.70	9.88	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	1403h	SW6020A	195	834	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1046h	SW6010C	62.9	28,800	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1328h	SW6020A	327	12,500	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1046h	SW6010C	1,260	6,800	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	1403h	SW6020A	50.4	1,920	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1224h	SW7471B	0.440	25.7	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	25.2	< 25.2	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1046h	SW6010C	1,260	4,210	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	10.7	< 10.7	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	1.89	57.8	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1531h	SW6010C	126	428	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	153h	SW6020A	5.04	9.44	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1531h	SW6010C	0.629	32.3	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1046h	SW6010C	62.9	14,200	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-003
Client Sample ID: OU3-0-SO-MRU-1C-0809
Collection Date: 11/11/2014 1310h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1048h	SW6010C	125	27,800	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	5.02	25.8	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	3.14	37.8	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	5.65	167	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	2.51	< 2.51	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	1.07	17.1	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1048h	SW6010C	1,250	12,100	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	12.5	111	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	1.69	9.70	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	19.4	66.8	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1048h	SW6010C	62.7	22,200	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1406h	SW6020A	81.5	619	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1048h	SW6010C	1,250	5,150	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1406h	SW6020A	50.2	657	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1130h	SW7471B	0.0453	1.38	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	25.1	< 25.1	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1048h	SW6010C	1,250	5,710	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	10.7	< 10.7	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	1.88	3.92	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1532h	SW6010C	125	469	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 156h	SW6020A	5.02	< 5.02	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1532h	SW6010C	0.627	49.9	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1048h	SW6010C	62.7	2,660	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-004
Client Sample ID: OU3-0-SO-MRU-1C-0708
Collection Date: 11/11/2014 1310h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1050h	SW6010C	111	21,300	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	4.45	96.8	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	2.78	105	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	5.00	158	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	2.22	< 2.22	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	0.945	25.5	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1050h	SW6010C	1,110	31,000	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	11.1	91.0	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	1.50	6.14	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	17.2	162	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1050h	SW6010C	55.6	20,400	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1409h	SW6020A	72.3	2,010	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1050h	SW6010C	1,110	16,600	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	1409h	SW6020A	44.5	1,990	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1131h	SW7471B	0.0477	2.66	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	22.2	< 22.2	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1050h	SW6010C	1,110	4,420	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	9.45	< 9.45	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	1.67	10.7	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1534h	SW6010C	111	430	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	159h	SW6020A	4.45	< 4.45	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1534h	SW6010C	0.556	38.2	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1050h	SW6010C	55.6	2,890	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-005
Client Sample ID: OU3-0-SO-MRU-6C-0
Collection Date: 11/11/2014 1415h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1058h	SW6010C	101	30,300	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	4.02	39.7	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	2.51	41.1	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	4.52	191	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	2.01	< 2.01	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	0.854	32.3	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1058h	SW6010C	1,010	24,500	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	10.1	60.2	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	1.36	7.95	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	15.6	144	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1058h	SW6010C	50.3	21,600	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1412h	SW6020A	65.3	1,120	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1058h	SW6010C	1,010	8,770	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	1412h	SW6020A	40.2	1,360	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1133h	SW7471B	0.0395	1.48	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	20.1	29.8	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1058h	SW6010C	1,010	6,520	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	8.54	< 8.54	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	1.51	9.20	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1536h	SW6010C	101	912	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	202h	SW6020A	4.02	< 4.02	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1536h	SW6010C	0.503	51.5	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1058h	SW6010C	50.3	5,060	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-006
Client Sample ID: OU3-0-SO-MRU-6C-0.501
Collection Date: 11/11/2014 1415h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1100h	SW6010C	138	31,100	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	5.53	13.6	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	3.45	20.1	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	6.22	260	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	2.76	< 2.76	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	1.17	6.38	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1100h	SW6010C	1,380	14,500	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	13.8	85.9	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	1.87	7.06	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	21.4	38.5	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1100h	SW6010C	69.1	22,800	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	8.98	226	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1100h	SW6010C	1,380	5,310	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	5.53	409	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1135h	SW7471B	0.0523	0.550	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	27.6	< 27.6	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1100h	SW6010C	1,380	7,570	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	11.7	< 11.7	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	2.07	< 2.07	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1538h	SW6010C	138	496	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 206h	SW6020A	5.53	< 5.53	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1538h	SW6010C	0.691	57.2	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1100h	SW6010C	69.1	1,300	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-007
Client Sample ID: OU3-0-SO-MRU-6A-0
Collection Date: 11/11/2014 1440h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1102h	SW6010C	109	20,900	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	4.35	14.3	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	2.72	22.0	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	4.89	256	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	2.17	< 2.17	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	0.924	3.47	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1102h	SW6010C	1,090	27,600	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	10.9	67.7	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	1.47	7.88	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	16.8	37.0	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1102h	SW6010C	54.3	18,800	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1415h	SW6020A	70.7	371	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1102h	SW6010C	1,090	6,710	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	1415h	SW6020A	43.5	956	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1137h	SW7471B	0.0392	0.606	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	21.7	< 21.7	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1102h	SW6010C	1,090	5,940	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	9.24	< 9.24	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	1.63	< 1.63	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1540h	SW6010C	109	425	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	218h	SW6020A	4.35	< 4.35	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1540h	SW6010C	0.543	43.5	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1102h	SW6010C	54.3	468	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-008
Client Sample ID: OU3-0-SO-MRU-6A-0.501
Collection Date: 11/11/2014 1440h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1104h	SW6010C	122	29,500	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	4.86	< 4.86	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	3.04	12.9	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	5.47	365	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	2.43	< 2.43	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	1.03	1.72	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1104h	SW6010C	1,220	28,100	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	12.2	108	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	1.64	9.23	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	18.8	28.8	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1104h	SW6010C	60.8	25,400	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1418h	SW6020A	79.0	91.7	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1104h	SW6010C	1,220	6,090	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1418h	SW6020A	48.6	1,280	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1138h	SW7471B	0.0473	0.296	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	24.3	26.5	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1104h	SW6010C	1,220	7,460	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	10.3	< 10.3	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	1.82	< 1.82	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1542h	SW6010C	122	634	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 222h	SW6020A	4.86	< 4.86	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1542h	SW6010C	0.608	62.0	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1104h	SW6010C	60.8	187	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-009

Client Sample ID: OU3-0-SO-MRU-6B-0

Collection Date: 11/11/2014 1500h

Received Date: 11/11/2014 1645h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1105h	SW6010C	134	14,900	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	5.35	< 5.35	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	3.35	5.55	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	6.02	164	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	2.68	< 2.68	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	1.14	< 1.14	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1105h	SW6010C	1,340	16,300	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	13.4	28.8	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	1.81	5.05	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	20.8	< 20.8	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1105h	SW6010C	66.9	12,100	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1503h	SW6020A	8.70	21.4	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1105h	SW6010C	1,340	7,610	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	5.35	354	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1140h	SW7471B	0.0466	< 0.0466	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	26.8	< 26.8	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1105h	SW6010C	1,340	3,360	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	11.4	< 11.4	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	2.01	< 2.01	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1550h	SW6010C	134	212	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 225h	SW6020A	5.35	< 5.35	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1550h	SW6010C	0.669	30.9	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1105h	SW6010C	66.9	67.4	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-010
Client Sample ID: OU3-0-SO-MRU-6B-0.501
Collection Date: 11/11/2014 1500h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
 Salt Lake City, UT 84119

 Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1107h	SW6010C	118	13,600	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	4.70	5.01	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	2.94	15.7	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	5.29	263	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	2.35	< 2.35	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	0.999	1.83	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1107h	SW6010C	1,180	32,300	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	11.8	54.4	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	1.59	5.50	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	18.2	20.6	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1107h	SW6010C	58.8	12,900	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1422h	SW6020A	76.4	117	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1107h	SW6010C	1,180	14,100	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1422h	SW6020A	47.0	684	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1142h	SW7471B	0.0384	0.183	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	23.5	< 23.5	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1107h	SW6010C	1,180	3,630	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	9.99	< 9.99	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	1.76	< 1.76	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1552h	SW6010C	118	262	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 228h	SW6020A	4.70	< 4.70	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1552h	SW6010C	0.588	32.2	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1107h	SW6010C	58.8	241	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-011
Client Sample ID: OU3-0-SO-MRU-4C-0.501
Collection Date: 11/11/2014 900h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1109h	SW6010C	112	20,000	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	4.47	139	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	2.80	117	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	5.03	113	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	2.24	< 2.24	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	0.951	17.2	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1109h	SW6010C	1,120	16,500	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	11.2	36.5	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	1.51	12.5	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	17.3	239	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1109h	SW6010C	55.9	20,500	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1434h	SW6020A	72.7	3,460	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1109h	SW6010C	1,120	8,920	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1434h	SW6020A	44.7	714	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1226h	SW7471B	0.416	7.52	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	22.4	< 22.4	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1109h	SW6010C	1,120	4,680	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	9.51	< 9.51	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	1.68	14.5	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1554h	SW6010C	112	455	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 231h	SW6020A	4.47	< 4.47	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1554h	SW6010C	0.559	39.0	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1109h	SW6010C	55.9	3,310	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-012
Client Sample ID: OU3-0-SO-MRU-4C-0103
Collection Date: 11/11/2014 900h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1111h	SW6010C	114	32,900	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	4.55	< 4.55	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	2.84	11.8	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	5.11	109	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	2.27	< 2.27	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	0.966	< 0.966	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1111h	SW6010C	1,140	2,220	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	11.4	49.2	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	1.53	12.8	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	17.6	< 17.6	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1111h	SW6010C	56.8	35,500	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1506h	SW6020A	7.39	70.8	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1111h	SW6010C	1,140	11,500	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	4.55	367	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1146h	SW7471B	0.0430	0.126	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	22.7	31.4	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1111h	SW6010C	1,140	13,600	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	9.66	< 9.66	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	1.70	< 1.70	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1555h	SW6010C	114	324	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	234h	SW6020A	4.55	< 4.55	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1555h	SW6010C	0.568	52.3	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1111h	SW6010C	56.8	140	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-013
Client Sample ID: OU3-0-SO-MRU-5B-0
Collection Date: 11/11/2014 957h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1113h	SW6010C	113	12,700	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	4.52	23.4	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	2.82	26.6	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	5.08	181	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	2.26	2.28	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	0.960	9.99	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1113h	SW6010C	1,130	13,900	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	11.3	17.6	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	1.52	3.56	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	17.5	74.4	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1113h	SW6010C	56.5	11,600	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1438h	SW6020A	73.4	744	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1113h	SW6010C	1,130	2,750	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	4.52	269	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1151h	SW7471B	0.0378	0.783	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	22.6	< 22.6	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1113h	SW6010C	1,130	2,190	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	9.60	< 9.60	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	1.69	2.92	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1557h	SW6010C	113	697	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 238h	SW6020A	4.52	< 4.52	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1557h	SW6010C	0.565	20.7	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1113h	SW6010C	56.5	1,610	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-014
Client Sample ID: OU3-0-SO-MRU-5B-0.501
Collection Date: 11/11/2014 957h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1115h	SW6010C	163	9,910	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	6.53	23.9	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	4.08	30.2	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	7.35	286	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	3.27	< 3.27	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	1.39	33.8	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1115h	SW6010C	1,630	15,600	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	16.3	< 16.3	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	2.21	3.51	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	25.3	95.3	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1115h	SW6010C	81.7	17,900	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1509h	SW6020A	10.6	764	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1115h	SW6010C	1,630	1,870	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	6.53	542	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1153h	SW7471B	0.0590	1.21	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	32.7	< 32.7	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1220h	SW6010C	163	1,320	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	13.9	< 13.9	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	2.45	2.88	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1559h	SW6010C	163	970	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	241h	SW6020A	6.53	< 6.53	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1559h	SW6010C	0.817	16.1	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1115h	SW6010C	81.7	7,640	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-015

Client Sample ID: OU3-0-TL-MRU-5B

Collection Date: 11/11/2014 957h

Received Date: 11/11/2014 1645h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1123h	SW6010C	130	16,600	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	5.19	629	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	3.24	644	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	5.84	176	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	2.60	< 2.60	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	1.10	147	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1123h	SW6010C	1,300	9,510	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	13.0	43.6	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	1.75	6.83	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	1441h	SW6020A	201	1,270	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1123h	SW6010C	64.9	23,300	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1331h	SW6020A	337	16,500	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1123h	SW6010C	1,300	5,080	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	1441h	SW6020A	51.9	2,320	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1228h	SW7471B	2.45	77.3	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	26.0	< 26.0	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1123h	SW6010C	1,300	3,880	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	11.0	< 11.0	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	1.95	80.3	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1601h	SW6010C	130	689	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	244h	SW6020A	5.19	< 5.19	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1601h	SW6010C	0.649	32.5	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1123h	SW6010C	64.9	33,300	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-016
Client Sample ID: OU3-0-SO-MRU-5B-0102
Collection Date: 11/11/2014 957h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1125h	SW6010C	128	24,300	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	5.11	69.3	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	3.19	63.4	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	5.75	171	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	2.55	< 2.55	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	1.09	24.6	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1125h	SW6010C	1,280	43,000	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	12.8	86.9	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	1.72	5.58	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	19.8	141	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1125h	SW6010C	63.9	19,700	
Lead	mg/kg-dry	11/25/2014	1140h	12/3/2014	1302h	SW6020A	83.0	1,590	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1125h	SW6010C	1,280	21,100	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	5.11	614	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1229h	SW7471B	0.532	9.60	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	25.5	< 25.5	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1125h	SW6010C	1,280	6,520	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	10.9	< 10.9	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	1.92	9.13	
Sodium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1603h	SW6010C	128	678	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	247h	SW6020A	5.11	< 5.11	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/1/2014	1603h	SW6010C	0.639	49.7	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1125h	SW6010C	63.9	5,380	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-017

Client Sample ID: OU3-9-TL-MRU-5B

Collection Date: 11/11/2014 957h

Received Date: 11/11/2014 1645h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1127h	SW6010C	140	13,900	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	5.58	663	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	3.49	678	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	6.28	240	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	2.79	< 2.79	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	1.19	170	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1127h	SW6010C	1,400	11,500	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	14.0	36.7	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	1.88	6.28	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 1444h	SW6020A	216	1,400	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1127h	SW6010C	69.8	23,400	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1334h	SW6020A	363	18,200	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1127h	SW6010C	1,400	5,380	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1444h	SW6020A	55.8	2,820	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1231h	SW7471B	2.56	64.3	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	27.9	< 27.9	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1127h	SW6010C	1,400	3,340	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	11.9	< 11.9	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	2.09	67.7	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1605h	SW6010C	140	713	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 300h	SW6020A	5.58	< 5.58	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1605h	SW6010C	0.698	27.9	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1127h	SW6010C	69.8	36,100	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-018

Client Sample ID: OU3-0-SO-MRU-5C-0

Collection Date: 11/11/2014 1100h

Received Date: 11/11/2014 1645h

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1129h	SW6010C	111	26,200	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	4.45	61.4	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	2.78	151	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	5.00	318	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	2.22	< 2.22	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	0.945	65.1	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1129h	SW6010C	1,110	33,700	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	11.1	47.6	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	1.50	21.9	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	17.2	216	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1129h	SW6010C	55.6	27,200	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1337h	SW6020A	289	2,040	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1129h	SW6010C	1,110	10,100	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1337h	SW6020A	178	15,600	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1208h	SW7471B	0.0392	3.88	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	22.2	40.4	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1129h	SW6010C	1,110	5,640	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	9.45	< 9.45	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	1.67	16.6	
Sodium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1606h	SW6010C	111	493	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 303h	SW6020A	4.45	< 4.45	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/1/2014 1606h	SW6010C	0.556	46.1	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1129h	SW6010C	55.6	12,500	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-019
Client Sample ID: OU3-0-SO-MRU-5C-0.501
Collection Date: 11/11/2014 1100h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014	1140h	12/2/2014	1130h	SW6010C	120	25,100	
Antimony	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	4.80	40.1	
Arsenic	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	3.00	45.7	
Barium	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	5.40	165	
Beryllium	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	2.40	< 2.40	
Cadmium	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	1.02	7.78	
Calcium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1130h	SW6010C	1,200	56,800	
Chromium	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	12.0	105	
Cobalt	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	1.62	6.78	
Copper	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	18.6	88.5	
Iron	mg/kg-dry	11/25/2014	1140h	12/2/2014	1130h	SW6010C	59.9	18,300	
Lead	mg/kg-dry	11/25/2014	1140h	12/2/2014	1447h	SW6020A	77.9	928	
Magnesium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1130h	SW6010C	1,200	27,200	
Manganese	mg/kg-dry	11/25/2014	1140h	12/2/2014	1447h	SW6020A	48.0	1,100	
Mercury	mg/kg-dry	12/1/2014	1730h	12/3/2014	1210h	SW7471B	0.0476	3.67	
Nickel	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	24.0	< 24.0	
Potassium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1130h	SW6010C	1,200	6,720	
Selenium	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	10.2	< 10.2	
Silver	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	1.80	3.93	
Sodium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1222h	SW6010C	120	665	
Thallium	mg/kg-dry	11/25/2014	1140h	12/2/2014	306h	SW6020A	4.80	< 4.80	
Vanadium	mg/kg-dry	11/25/2014	1140h	12/2/2014	1222h	SW6010C	0.599	52.0	
Zinc	mg/kg-dry	11/25/2014	1140h	12/2/2014	1130h	SW6010C	59.9	1,510	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-020
Client Sample ID: OU3-0-SO-MRU-5C-0304
Collection Date: 11/11/2014 1100h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/25/2014 1140h	12/2/2014 1132h	SW6010C	115	1,030	
Antimony	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	4.60	910	
Arsenic	mg/kg-dry	11/25/2014 1140h	12/2/2014 1450h	SW6020A	28.8	1,020	
Barium	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	5.18	43.2	
Beryllium	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	2.30	< 2.30	
Cadmium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1450h	SW6020A	9.78	1,320	
Calcium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1132h	SW6010C	1,150	20,400	
Chromium	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	11.5	< 11.5	
Cobalt	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	1.55	7.63	
Copper	mg/kg-dry	11/25/2014 1140h	12/2/2014 1450h	SW6020A	178	2,230	
Iron	mg/kg-dry	11/25/2014 1140h	12/2/2014 1132h	SW6010C	57.5	52,500	
Lead	mg/kg-dry	11/25/2014 1140h	12/2/2014 1340h	SW6020A	598	35,700	
Magnesium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1132h	SW6010C	1,150	7,870	
Manganese	mg/kg-dry	11/25/2014 1140h	12/2/2014 1450h	SW6020A	46.0	3,390	
Mercury	mg/kg-dry	12/1/2014 1730h	12/3/2014 1233h	SW7471B	0.422	25.1	
Nickel	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	23.0	< 23.0	
Potassium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1224h	SW6010C	115	416	
Selenium	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	9.78	< 9.78	
Silver	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	1.73	233	
Sodium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1224h	SW6010C	115	< 115	
Thallium	mg/kg-dry	11/25/2014 1140h	12/2/2014 309h	SW6020A	4.60	< 4.60	
Vanadium	mg/kg-dry	11/25/2014 1140h	12/2/2014 1224h	SW6010C	0.575	< 0.575	
Zinc	mg/kg-dry	11/25/2014 1140h	12/2/2014 1210h	SW6010C	575	182,000	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-001
Client Sample ID: OU3-0-SO-MRU-2C-0506
Collection Date: 11/11/2014 1230h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1346h	SM4500-P-F	306	2,130	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-002

Client Sample ID: OU3-0-TL-MRU-2C

Collection Date: 11/11/2014 1230h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014 1150h	11/26/2014 1354h	SM4500-P-F	319	1,620	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-003

Client Sample ID: OU3-0-SO-MRU-1C-0809

Collection Date: 11/11/2014 1310h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1354h	SM4500-P-F	317	3,550	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-004
Client Sample ID: OU3-0-SO-MRU-1C-0708
Collection Date: 11/11/2014 1310h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014 1150h	11/26/2014 1355h	SM4500-P-F	310	6,100	

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-005

Client Sample ID: OU3-0-SO-MRU-6C-0

Collection Date: 11/11/2014 1415h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1104h	SM4500-P-F	534	3,620	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-006

Client Sample ID: OU3-0-SO-MRU-6C-0.501

Collection Date: 11/11/2014 1415h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1356h	SM4500-P-F	327	5,340	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-007

Client Sample ID: OU3-0-SO-MRU-6A-0

Collection Date: 11/11/2014 1440h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1106h	SM4500-P-F	102	2,680	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-008

Client Sample ID: OU3-0-SO-MRU-6A-0.501

Collection Date: 11/11/2014 1440h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1356h	SM4500-P-F	296	13,800	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-009

Client Sample ID: OU3-0-SO-MRU-6B-0

Collection Date: 11/11/2014 1500h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1054h	SM4500-P-F	65.2	436	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-010

Client Sample ID: OU3-0-SO-MRU-6B-0.501

Collection Date: 11/11/2014 1500h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1357h	SM4500-P-F	278	2,960	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-011

Client Sample ID: OU3-0-SO-MRU-4C-0.501

Collection Date: 11/11/2014 900h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/14/2014	1150h	11/26/2014	1358h	SM4500-P-F	281	1,330	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-012
Client Sample ID: OU3-0-SO-MRU-4C-0103
Collection Date: 11/11/2014 900h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1107h	SM4500-P-F	116	3,270	

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-013

Client Sample ID: OU3-0-SO-MRU-5B-0

Collection Date: 11/11/2014 957h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1055h	SM4500-P-F	53.0	1,200	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-014

Client Sample ID: OU3-0-SO-MRU-5B-0.501

Collection Date: 11/11/2014 957h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/18/2014 1200h	11/26/2014 1056h	SM4500-P-F	79.7	740	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-015

Client Sample ID: OU3-0-TL-MRU-5B

Collection Date: 11/11/2014 957h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/19/2014 910h	12/1/2014 1126h	SM4500-P-F	343	1,770	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-016
Client Sample ID: OU3-0-SO-MRU-5B-0102
Collection Date: 11/11/2014 957h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/19/2014 910h	12/1/2014 1128h	SM4500-P-F	333	2,730	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-017

Client Sample ID: OU3-9-TL-MRU-5B

Collection Date: 11/11/2014 957h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/19/2014 910h	12/1/2014 1129h	SM4500-P-F	346	2,840	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-018

Client Sample ID: OU3-0-SO-MRU-5C-0

Collection Date: 11/11/2014 1100h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/19/2014 910h	12/1/2014 1130h	SM4500-P-F	264	2,010	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.

Contact: Kerry Gee

Project:

Lab Sample ID: 1411161-019

Client Sample ID: OU3-0-SO-MRU-5C-0.501

Collection Date: 11/11/2014 1100h

Received Date: 11/11/2014 1645h

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/19/2014 910h	12/1/2014 1130h	SM4500-P-F	322	3,930	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project:
Lab Sample ID: 1411161-020
Client Sample ID: OU3-0-SO-MRU-5C-0304
Collection Date: 11/11/2014 1100h
Received Date: 11/11/2014 1645h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/19/2014 910h	12/1/2014 1131h	SM4500-P-F	306	957	

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34469		Date Analyzed:	12/02/2014 1035h										
Test Code: 6010C-S		Date Prepared:	11/25/2014 1140h										
Aluminum	101	mg/kg	SW6010C	1.72	10.0	100.0	0	101	80 - 120				
Calcium	1,030	mg/kg	SW6010C	2.37	100	1,000	0	103	80 - 120				
Iron	118	mg/kg	SW6010C	1.14	5.00	100.0	0	118	80 - 120				
Magnesium	1,070	mg/kg	SW6010C	10.5	100	1,000	0	107	80 - 120				
Potassium	1,000	mg/kg	SW6010C	20.3	100	1,000	0	100	80 - 120				
Sodium	1,110	mg/kg	SW6010C	7.71	100	1,000	0	111	80 - 120				
Vanadium	20.0	mg/kg	SW6010C	0.137	0.500	20.00	0	100	80 - 120				
Zinc	92.6	mg/kg	SW6010C	0.191	5.00	100.0	0	92.6	80 - 120				
Lab Sample ID: LCS-34469		Date Analyzed:	12/02/2014 124h										
Test Code: 6020-S		Date Prepared:	11/25/2014 1140h										
Antimony	19.9	mg/kg	SW6020A	0.291	3.20	20.00	0	99.7	85 - 115				
Arsenic	20.7	mg/kg	SW6020A	0.0648	2.00	20.00	0	104	85 - 115				
Barium	20.6	mg/kg	SW6020A	2.16	3.60	20.00	0	103	85 - 115				
Beryllium	20.5	mg/kg	SW6020A	0.00476	1.60	20.00	0	103	85 - 115				
Cadmium	19.4	mg/kg	SW6020A	0.0135	0.680	20.00	0	97.0	85 - 115				
Chromium	19.9	mg/kg	SW6020A	1.94	8.00	20.00	0	99.5	85 - 115				
Cobalt	20.0	mg/kg	SW6020A	0.122	1.08	20.00	0	99.8	85 - 115				
Copper	20.7	mg/kg	SW6020A	1.23	12.4	20.00	0	103	85 - 115				
Lead	19.8	mg/kg	SW6020A	2.40	5.20	20.00	0	98.8	85 - 115				
Manganese	20.1	mg/kg	SW6020A	0.536	3.20	20.00	0	101	85 - 115				
Nickel	19.9	mg/kg	SW6020A	1.75	16.0	20.00	0	99.7	85 - 115				
Selenium	20.0	mg/kg	SW6020A	0.436	6.80	20.00	0	100	85 - 115				
Silver	19.5	mg/kg	SW6020A	0.0179	1.20	20.00	0	97.5	85 - 115				
Thallium	18.8	mg/kg	SW6020A	0.00404	3.20	20.00	0	94.0	85 - 115				
Lab Sample ID: LCS-34533		Date Analyzed:	12/03/2014 1112h										
Test Code: HG-S-7471B		Date Prepared:	12/01/2014 1730h										
Mercury	0.417	mg/kg	SW7471B	0.00301	0.0400	0.4000	0	104	80 - 120				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	MB-34469	Date Analyzed:	12/02/2014 1032h											
Test Code:	6010C-S	Date Prepared:	11/25/2014 1140h											
Aluminum		< 10.0	mg/kg	SW6010C	1.72	10.0								
Calcium		< 100	mg/kg	SW6010C	2.37	100								
Iron		< 5.00	mg/kg	SW6010C	1.14	5.00								
Magnesium		< 100	mg/kg	SW6010C	10.5	100								
Potassium		< 100	mg/kg	SW6010C	20.3	100								
Sodium		< 100	mg/kg	SW6010C	7.71	100								
Vanadium		< 0.500	mg/kg	SW6010C	0.137	0.500								
Zinc		< 5.00	mg/kg	SW6010C	0.191	5.00								
Lab Sample ID:	MB-34469	Date Analyzed:	12/02/2014 121h											
Test Code:	6020-S	Date Prepared:	11/25/2014 1140h											
Antimony		< 4.00	mg/kg	SW6020A	0.364	4.00								
Arsenic		< 2.50	mg/kg	SW6020A	0.0810	2.50								
Barium		< 4.50	mg/kg	SW6020A	2.70	4.50								
Beryllium		< 2.00	mg/kg	SW6020A	0.00595	2.00								
Cadmium		< 0.850	mg/kg	SW6020A	0.0168	0.850								
Chromium		< 10.0	mg/kg	SW6020A	2.43	10.0								
Cobalt		< 1.35	mg/kg	SW6020A	0.152	1.35								
Copper		< 15.5	mg/kg	SW6020A	1.54	15.5								
Lead		< 6.50	mg/kg	SW6020A	3.00	6.50								
Manganese		< 4.00	mg/kg	SW6020A	0.670	4.00								
Nickel		< 20.0	mg/kg	SW6020A	2.18	20.0								
Selenium		< 8.50	mg/kg	SW6020A	0.545	8.50								
Silver		< 1.50	mg/kg	SW6020A	0.0224	1.50								
Thallium		< 4.00	mg/kg	SW6020A	0.00505	4.00								
Lab Sample ID:	MB-34533	Date Analyzed:	12/03/2014 1110h											
Test Code:	HG-S-7471B	Date Prepared:	12/01/2014 1730h											
Mercury		< 0.0400	mg/kg	SW7471B	0.00301	0.0400								



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411161-001AMS		Date Analyzed:	12/01/2014 1527h										
Test Code: 6010C-S		Date Prepared:	11/25/2014 1140h										
Sodium	1,590	mg/kg-dry	SW6010C	8.60	112	1,116	438	103	75 - 125				
Vanadium	66.3	mg/kg-dry	SW6010C	0.153	0.558	22.32	42.2	108	75 - 125				
Lab Sample ID: 1411161-001AMS		Date Analyzed:	12/02/2014 1042h										
Test Code: 6010C-S		Date Prepared:	11/25/2014 1140h										
Aluminum	28,800	mg/kg-dry	SW6010C	19.2	112	111.6	25000	3,380	75 - 125				3
Calcium	7,930	mg/kg-dry	SW6010C	26.4	1,120	1,116	6140	161	75 - 125				3
Iron	22,900	mg/kg-dry	SW6010C	12.7	55.8	111.6	19200	3,340	75 - 125				3
Magnesium	8,750	mg/kg-dry	SW6010C	117	1,120	1,116	6360	214	75 - 125				3
Potassium	7,920	mg/kg-dry	SW6010C	227	1,120	1,116	6090	164	75 - 125				3
Zinc	5,730	mg/kg-dry	SW6010C	2.13	55.8	111.6	5070	596	75 - 125				3
Lab Sample ID: 1411161-001AMS		Date Analyzed:	12/02/2014 146h										
Test Code: 6020-S		Date Prepared:	11/25/2014 1140h										
Antimony	35.6	mg/kg-dry	SW6020A	0.406	4.46	22.32	16	87.8	75 - 125				
Arsenic	53.1	mg/kg-dry	SW6020A	0.0904	2.79	22.32	30.9	99.7	75 - 125				
Barium	216	mg/kg-dry	SW6020A	3.02	5.02	22.32	195	94.2	75 - 125				
Beryllium	23.7	mg/kg-dry	SW6020A	0.00664	2.23	22.32	1.16	101	75 - 125				
Cadmium	119	mg/kg-dry	SW6020A	0.0188	0.948	22.32	89.9	131	75 - 125				3
Chromium	70.9	mg/kg-dry	SW6020A	2.71	11.2	22.32	49.5	96.0	75 - 125				
Cobalt	32.1	mg/kg-dry	SW6020A	0.170	1.51	22.32	9.07	103	75 - 125				
Copper	59.6	mg/kg-dry	SW6020A	1.71	17.3	22.32	32.4	122	75 - 125				
Lead	93.8	mg/kg-dry	SW6020A	3.34	7.25	22.32	63.1	137	75 - 125				3
Nickel	45.6	mg/kg-dry	SW6020A	2.44	22.3	22.32	22.6	103	75 - 125				
Selenium	23.2	mg/kg-dry	SW6020A	0.608	9.48	22.32	0	104	75 - 125				
Silver	23.0	mg/kg-dry	SW6020A	0.0250	1.67	22.32	0.415	101	75 - 125				
Thallium	22.2	mg/kg-dry	SW6020A	0.00563	4.46	22.32	0.98	95.1	75 - 125				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411161-001AMS	Date Analyzed:	12/02/2014	1356h										
Test Code:	6020-S	Date Prepared:	11/25/2014	1140h									
Manganese	5,370	mg/kg-dry	SW6020A	7.48	44.6	22.32	5130	1,050	75 - 125				³
Lab Sample ID: 1411161-001AMS	Date Analyzed:	12/03/2014	1119h										
Test Code:	HG-S-7471B	Date Prepared:	12/01/2014	1730h									
Mercury	0.829	mg/kg-dry	SW7471B	0.00329	0.0437	0.4366	0.381	103	80 - 120				

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411161-001AMSD													
Test Code:	6010C-S	Date Analyzed:	12/01/2014 1529h	Date Prepared:	11/25/2014 1140h								
Sodium	1,650	mg/kg-dry	SW6010C	9.49	123	1,230	438	98.6	75 - 125	1590	3.95	20	
Vanadium	67.0	mg/kg-dry	SW6010C	0.169	0.615	24.61	42.2	101	75 - 125	66.3	1.03	20	
Lab Sample ID: 1411161-001AMSD													
Test Code:	6010C-S	Date Analyzed:	12/02/2014 1044h	Date Prepared:	11/25/2014 1140h								
Aluminum	28,400	mg/kg-dry	SW6010C	21.2	123	123.0	25000	2,760	75 - 125	28800	1.31	20	3
Calcium	7,430	mg/kg-dry	SW6010C	29.2	1,230	1,230	6140	105	75 - 125	7930	6.51	20	
Iron	20,700	mg/kg-dry	SW6010C	14.0	61.5	123.0	19200	1,280	75 - 125	22900	9.88	20	3
Magnesium	7,110	mg/kg-dry	SW6010C	129	1,230	1,230	6360	61.1	75 - 125	8750	20.6	20	3
Potassium	8,070	mg/kg-dry	SW6010C	250	1,230	1,230	6090	161	75 - 125	7920	1.95	20	3
Zinc	5,450	mg/kg-dry	SW6010C	2.35	61.5	123.0	5070	309	75 - 125	5730	5.11	20	3
Lab Sample ID: 1411161-001AMSD													
Test Code:	6020-S	Date Analyzed:	12/02/2014 150h	Date Prepared:	11/25/2014 1140h								
Antimony	34.3	mg/kg-dry	SW6020A	0.447	4.92	24.61	16	74.2	75 - 125	35.6	3.80	20	3
Arsenic	51.5	mg/kg-dry	SW6020A	0.0997	3.08	24.61	30.9	83.8	75 - 125	53.1	3.07	20	
Barium	223	mg/kg-dry	SW6020A	3.33	5.54	24.61	195	113	75 - 125	216	3.15	20	
Beryllium	24.4	mg/kg-dry	SW6020A	0.00732	2.46	24.61	1.16	94.5	75 - 125	23.7	2.77	20	
Cadmium	115	mg/kg-dry	SW6020A	0.0207	1.05	24.61	89.9	103	75 - 125	119	3.28	20	
Chromium	75.5	mg/kg-dry	SW6020A	2.99	12.3	24.61	49.5	106	75 - 125	70.9	6.34	20	
Cobalt	31.8	mg/kg-dry	SW6020A	0.187	1.66	24.61	9.07	92.5	75 - 125	32.1	0.882	20	
Copper	55.9	mg/kg-dry	SW6020A	1.89	19.1	24.61	32.4	95.4	75 - 125	59.6	6.51	20	
Lead	80.8	mg/kg-dry	SW6020A	3.68	8.00	24.61	63.1	71.9	75 - 125	93.8	14.9	20	3
Nickel	45.8	mg/kg-dry	SW6020A	2.69	24.6	24.61	22.6	94.5	75 - 125	45.6	0.444	20	
Selenium	23.5	mg/kg-dry	SW6020A	0.671	10.5	24.61	0	95.4	75 - 125	23.2	1.07	20	
Silver	23.5	mg/kg-dry	SW6020A	0.0276	1.85	24.61	0.415	93.8	75 - 125	23	2.33	20	
Thallium	23.1	mg/kg-dry	SW6020A	0.00621	4.92	24.61	0.98	89.9	75 - 125	22.2	3.98	20	



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411161

Project:

Contact: Kerry Gee

Dept: ME

QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411161-001AMSD	Date Analyzed:	12/02/2014 1359h											
Test Code: 6020-S	Date Prepared:	11/25/2014 1140h											
Manganese	5,400	mg/kg-dry	SW6020A	8.24	49.2	24.61	5130	1,100	75 - 125	5370	0.672	20	³
Lab Sample ID: 1411161-001AMSD	Date Analyzed:	12/03/2014 1120h											
Test Code: HG-S-7471B	Date Prepared:	12/01/2014 1730h											
Mercury	0.890	mg/kg-dry	SW7471B	0.00354	0.0470	0.4702	0.381	108	80 - 120	0.829	7.09	20	

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34327	Date Analyzed:	11/26/2014 956h											
Test Code: PO4-S-4500PF	Date Prepared:	11/18/2014 1200h											
Phosphate, Total (as P)	51.2	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	102	90 - 110				
Lab Sample ID: LCS-34270	Date Analyzed:	11/26/2014 1324h											
Test Code: PO4-S-4500PF	Date Prepared:	11/14/2014 1150h											
Phosphate, Total (as P)	54.4	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	109	90 - 110				
Lab Sample ID: LCS-34352	Date Analyzed:	12/01/2014 1126h											
Test Code: PO4-S-4500PF	Date Prepared:	11/19/2014 910h											
Phosphate, Total (as P)	52.2	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	104	90 - 110				



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411161

Project:

Contact: Kerry Gee

Dept: WC

QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34327	Date Analyzed:	11/26/2014 955h											
Test Code: PO4-S-4500PF	Date Prepared:	11/18/2014 1200h											
Phosphate, Total (as P)	< 5.00	mg/kg	SM4500-P-F	1.06	5.00								
Lab Sample ID: MB-34270	Date Analyzed:	11/26/2014 1323h											
Test Code: PO4-S-4500PF	Date Prepared:	11/14/2014 1150h											
Phosphate, Total (as P)	< 5.00	mg/kg	SM4500-P-F	1.06	5.00								
Lab Sample ID: MB-34352	Date Analyzed:	12/01/2014 1121h											
Test Code: PO4-S-4500PF	Date Prepared:	11/19/2014 910h											
Phosphate, Total (as P)	< 5.00	mg/kg	SM4500-P-F	1.06	5.00								



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-001AMS	Date Analyzed:	11/26/2014 1044h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	4,450	mg/kg-dry	SM4500-P-F	21.9	103	51.71	4020	828	80 - 120				²
Lab Sample ID: 1411161-005AMS	Date Analyzed:	11/26/2014 1105h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	6,730	mg/kg-dry	SM4500-P-F	113	534	53.38	0	12,600	80 - 120				²
Lab Sample ID: 1411141-015AMS	Date Analyzed:	11/26/2014 1108h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	66,600	mg/kg-dry	SM4500-P-F	1,090	5,130	51.33	0	130,000	80 - 120				²
Lab Sample ID: 1411141-018AMS	Date Analyzed:	11/26/2014 1341h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	4,170	mg/kg-dry	SM4500-P-F	65.3	308	61.62	7710	-5,760	80 - 120				²
Lab Sample ID: 1411161-001AMS	Date Analyzed:	11/26/2014 1347h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	2,360	mg/kg-dry	SM4500-P-F	64.8	306	61.13	2130	388	80 - 120				²
Lab Sample ID: 1411161-015AMS	Date Analyzed:	12/01/2014 1127h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/19/2014 910h										
Phosphate, Total (as P)	2,460	mg/kg-dry	SM4500-P-F	72.7	343	68.58	1770	1,010	80 - 120				²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411161
Project:

Contact: Kerry Gee
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411141-001AMSD	Date Analyzed:	11/26/2014 1045h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	3,930	mg/kg-dry	SM4500-P-F	21.9	103	51.71	4020	-167	80 - 120	4450	12.3	20	²
Lab Sample ID: 1411141-015AMSD	Date Analyzed:	11/26/2014 1103h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	56,500	mg/kg-dry	SM4500-P-F	1,090	5,130	51.33	0	110,000	80 - 120	0	0	20	²
Lab Sample ID: 1411161-005AMSD	Date Analyzed:	11/26/2014 1105h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/18/2014 1200h										
Phosphate, Total (as P)	660	mg/kg-dry	SM4500-P-F	113	534	53.38	0	1,240	80 - 120	0	0	20	²
Lab Sample ID: 1411141-018AMSD	Date Analyzed:	11/26/2014 1342h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	4,040	mg/kg-dry	SM4500-P-F	65.3	308	61.62	7710	-5,970	80 - 120	4170	3.14	20	²
Lab Sample ID: 1411161-001AMSD	Date Analyzed:	11/26/2014 1347h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/14/2014 1150h										
Phosphate, Total (as P)	1,920	mg/kg-dry	SM4500-P-F	64.8	306	61.13	2130	-341	80 - 120	2360	20.8	20	²
Lab Sample ID: 1411161-015AMSD	Date Analyzed:	12/01/2014 1128h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/19/2014 910h										
Phosphate, Total (as P)	3,160	mg/kg-dry	SM4500-P-F	72.7	343	68.58	1770	2,020	80 - 120	2460	24.7	20	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

WORK ORDER Summary

Work Order: **1411161** Page 1 of 6

Client: United Park City Mines Co.

Due Date: 12/4/2014

Client ID: UNI100

Contact: Kerry Gee

Project:

QC Level: II+

WO Type: Standard

Comments: QC 2+. Email copy of report to Dan Dean / All samples ending in "0" need to be sieved, before pmoist or digestion. Use a 2mm (#10 sieve). See Pat for special instructions. Include EDD;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411161-001A	OU3-0-SO-MRU-2C-0506	11/11/2014 1230h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
1411161-002A	OU3-0-TL-MRU-2C	11/11/2014 1230h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
1411161-003A	OU3-0-SO-MRU-1C-0809	11/11/2014 1310h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	

WORK ORDER Summary

Work Order: **1411161**

Page 2 of 6

Client: United Park City Mines Co.

Due Date: 12/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage			
1411161-004A	OU3-0-SO-MRU-1C-0708	11/11/2014 1310h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3		
				6010C-S		<input checked="" type="checkbox"/>	df / metals			
				8 SEL Analytes: AL CA FE MG K NA V ZN						
				6020-S		<input checked="" type="checkbox"/>	df / metals			
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL						
				HG-S-7471B		<input type="checkbox"/>	df / metals			
				HG-S-PR-B		<input type="checkbox"/>	df / metals			
				PMOIST		<input type="checkbox"/>	df / metals			
				PO4-S-4500PF		<input type="checkbox"/>	df / metals			
				PO4-S-PR		<input type="checkbox"/>	df / metals			
1411161-005A	OU3-0-SO-MRU-6C-0	11/11/2014 1415h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3		
				6010C-S		<input checked="" type="checkbox"/>	df / metals			
				8 SEL Analytes: AL CA FE MG K NA V ZN						
				6020-S		<input checked="" type="checkbox"/>	df / metals			
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL						
				HG-S-7471B		<input type="checkbox"/>	df / metals			
				HG-S-PR-B		<input type="checkbox"/>	df / metals			
				PMOIST		<input type="checkbox"/>	df / metals			
				PO4-S-4500PF		<input type="checkbox"/>	df / metals			
				PO4-S-PR		<input type="checkbox"/>	df / metals			
1411161-006A	OU3-0-SO-MRU-6C-0.501	11/11/2014 1415h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3		
				6010C-S		<input checked="" type="checkbox"/>	df / metals			
				8 SEL Analytes: AL CA FE MG K NA V ZN						
				6020-S		<input checked="" type="checkbox"/>	df / metals			
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL						
				HG-S-7471B		<input type="checkbox"/>	df / metals			
				HG-S-PR-B		<input type="checkbox"/>	df / metals			
				PMOIST		<input type="checkbox"/>	df / metals			
				PO4-S-4500PF		<input type="checkbox"/>	df / metals			
				PO4-S-PR		<input type="checkbox"/>	df / metals			
1411161-007A	OU3-0-SO-MRU-6A-0	11/11/2014 1440h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3		
				6010C-S		<input checked="" type="checkbox"/>	df / metals			
				8 SEL Analytes: AL CA FE MG K NA V ZN						
				6020-S		<input checked="" type="checkbox"/>	df / metals			
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL						
HG-S-7471B	<input type="checkbox"/>	df / metals								

WORK ORDER Summary

Work Order: **1411161**

Page 3 of 6

Client: United Park City Mines Co.

Due Date: 12/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411161-007A	OU3-0-SO-MRU-6A-0	11/11/2014 1440h	11/11/2014 1645h	HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals	3
1411161-008A	OU3-0-SO-MRU-6A-0.501	11/11/2014 1440h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN 6020-S 14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL HG-S-7471B HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals df / metals df / metals df / metals df / metals	3
1411161-009A	OU3-0-SO-MRU-6B-0	11/11/2014 1500h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN 6020-S 14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL HG-S-7471B HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals df / metals df / metals df / metals df / metals	3
1411161-010A	OU3-0-SO-MRU-6B-0.501	11/11/2014 1500h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN 6020-S 14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL HG-S-7471B HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals df / metals df / metals df / metals df / metals	3
1411161-011A	OU3-0-SO-MRU-4C-0.501	11/11/2014 0900h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3

WORK ORDER Summary

Work Order: **1411161**

Page 4 of 6

Client: United Park City Mines Co.

Due Date: 12/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411161-011A	OU3-0-SO-MRU-4C-0.501	11/11/2014 0900h	11/11/2014 1645h	6010C-S	Soil	<input checked="" type="checkbox"/>	df / metals	3
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	
1411161-012A	OU3-0-SO-MRU-4C-0103	11/11/2014 0900h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	
1411161-013A	OU3-0-SO-MRU-5B-0	11/11/2014 0957h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	
1411161-014A	OU3-0-SO-MRU-5B-0.501	11/11/2014 0957h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG				
				TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	

WORK ORDER Summary

Work Order: **1411161**

Page 5 of 6

Client: United Park City Mines Co.

Due Date: 12/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411161-014A	OU3-0-SO-MRU-5B-0.501	11/11/2014 0957h	11/11/2014 1645h	PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals	3
1411161-015A	OU3-0-TL-MRU-5B	11/11/2014 0957h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN 6020-S 14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL HG-S-7471B HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals df / metals df / metals df / metals df / metals	3
1411161-016A	OU3-0-SO-MRU-5B-0102	11/11/2014 0957h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN 6020-S 14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL HG-S-7471B HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals df / metals df / metals df / metals df / metals	3
1411161-017A	OU3-9-TL-MRU-5B	11/11/2014 0957h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN 6020-S 14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL HG-S-7471B HG-S-PR-B PMOIST PO4-S-4500PF PO4-S-PR	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	df / metals df / metals df / metals df / metals df / metals df / metals df / metals df / metals	3
1411161-018A	OU3-0-SO-MRU-5C-0	11/11/2014 1100h	11/11/2014 1645h	3051A-ICPMS-PR 6010C-S 8 SEL Analytes: AL CA FE MG K NA V ZN	Soil	<input type="checkbox"/> <input checked="" type="checkbox"/>	df / metals df / metals	3

WORK ORDER Summary

Work Order: **1411161**

Page 6 of 6

Client: United Park City Mines Co.

Due Date: 12/4/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411161-018A	OU3-0-SO-MRU-5C-0	11/11/2014 1100h	11/11/2014 1645h	6020-S	Soil	<input checked="" type="checkbox"/>	df / metals	3
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	
1411161-019A	OU3-0-SO-MRU-5C-0.501	11/11/2014 1100h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	
1411161-020A	OU3-0-SO-MRU-5C-0304	11/11/2014 1100h	11/11/2014 1645h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df / metals	3
				6010C-S		<input checked="" type="checkbox"/>	df / metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df / metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df / metals	
				HG-S-PR-B		<input type="checkbox"/>	df / metals	
				PMOIST		<input type="checkbox"/>	df / metals	
				PO4-S-4500PF		<input type="checkbox"/>	df / metals	
				PO4-S-PR		<input type="checkbox"/>	df / metals	

RMC

Laboratory Services Request Form

1462

1411/161

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				American West Analytical Laboratories 463 W. 3600 South Salt Lake City, UT 84115	
Client Address: PO BOX 1450 PARK CITY, UT 84060					
Client Phone: 435-608-0954					
Client Fax: 435-615-1239					
II. ACCOUNT INFORMATION					
Account Name:				Patrick Noteboom	
Sample Questions- Dan Dean RMC- 801-255-2626				Phone # (801) 750-2585	
				Fax (801)-263-8687	
TAT:				P.O. No:	
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND DAN DEAN - RMC FAX-255-3266				INCLUDE EDD	
Report Address: PO BOX 1450 PARK CITY UT 84060 AND DAN DEAN, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex () Fax () Email <u>dan@rmc-ut.com</u>					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
1	043-0-SO-MRU-2C-0506	11/11/14 1230	3	Please see attached metals sheet.	
2	043-0-TL-MRU-2C	11/11/14 1230	3		
3	043-0-SO-MRU-1C-0809	11/11/14 1310	3		
4	043-0-SO-MRU-1C-0708	11/11/14 1310	3		
5	*043-0-SO-MRU-6C-0	11/11/15 1415	3		
6	043-0-SO-MRU-6C-0.501	" "	"		
7	*043-0-SO-MRU-6A-0	" 1440	"		
8	043-0-SO-MRU-6A-0.501	" "	"		
9	*043-0-SO-MRU-6B-0	" 1500	"		
10	043-0-SO-MRU-6B-0.501	" "	"		
notes:		For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.			
V. CHAIN OF CUSTODY RECORD					
Dispatched by:			Date	Time	Courier Co. Name
Relinquished by: Maggi Trimble			Date 11/11/14	Time 4:45	Airbill #
Received by:			Date	Time	Custody Seal Intact?
Received for lab by: Selma			Date 11/11/14	Time 1645	Yes No

*: All descriptions ending in '0' and are stalled, please sieve w/ a 2mm sieve.

RMC

Laboratory Services Request Form

262
11/11/14

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				American West Analytical Laboratories 463 W. 3600 South Salt Lake City, UT 84115	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>					
Client Phone: <u>435-608-0954</u>					
Client Fax: <u>435-615-1239</u>					
II. ACCOUNT INFORMATION					
Account Name: _____				Patrick Noteboom	
Sample Questions- <u>Dan Dean</u> <u>RMC- 801-255-2626</u>				Phone # (801) 750-2585	
				Fax (801)-263-8687	
TAT: _____				P.O. No: _____	
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND DAN DEAN - RMC FAX-255-3266</u>				INCLUDE EDD	
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND DAN DEAN, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <u>US Mail (X)</u> <u>Fed Ex ()</u> <u>Fax ()</u> Email <u>dan@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
11	0U3-O-SO-MRU-4C-O.501	11/11/14 0900	3	Please see attached sheet 	
12	0U3-O-SO-MRU-4C-0103	11/11/14 0900	3		
13	* 0U3-O-SO-MRU-5B-O	11/11/14 0957	3		
14	0U3-O-SO-MRU-5B-O.501	11/11/14 0957	3		
15	0U3-O-TL-MRU-5B	11/11/14 0957	3		
16	0U3-O-SO-MRU-5B-0102	11/11/14 0957	3		
17	0U3-O-SO-MRU-5B 0U3-9-TL-MRU-5B	11/11/14 0957	3		
18	* 0U3-O-SO-MRU-5C-O	11/11/14 1100	3		
19	0U3-O-SO-MRU-5C-O.501	11/11/14 1100	3		
20	0U3-O-SO-MRU-5C-0304	11/11/14 1100	3		
notes:		For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.			
V. CHAIN OF CUSTODY RECORD					
Dispatched by: _____		Date _____	Time _____	Courier Co. Name _____	
Relinquished by: <u>Maggi Trimble</u>		Date <u>11/11/14</u>	Time <u>4:45</u>	Airbill # _____	
Received by: <u>✓</u>		Date _____	Time _____	Custody Seal Intact? _____	
Received for lab by: <u>Selma</u>		Date <u>11/11/14</u>	Time <u>1645</u>	Yes _____ No _____	

⇒ All Descriptions ending in "- O" and are starred need to be sieved w/ a 2 mm sieve

SOIL	Metals (Laboratory):	SW846 6020A	Glass Jar	4 oz.	0 - 6°C	None	180
	Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Calcium						
	Chromium						
	Cobalt						
	Copper						
	Iron						
	Lead						
	Magnesium						
	Manganese						
	Nickel						
	Potassium						
	Selenium						
	Silver						
	Sodium						
	Thallium						
	Vanadium						
	Zinc						
	Mercury	SW846 7471B					28
	Phosphorus	SW846 6010B					180

Lab Set ID: 1411/61

Samples Were:		COC Tape Was:		Container Type:		No. Rec.	
<input type="checkbox"/> Shipped By:		Present on Outer Package		<input type="checkbox"/> AWAL Supplied Plastic			
<input checked="" type="checkbox"/> Hand Delivered		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> AWAL Supplied Clear Glass			
<input type="checkbox"/> Ambient		Unbroken on Outer package		<input type="checkbox"/> AWAL Supplied Amber Glass			
<input checked="" type="checkbox"/> Chilled		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials			
Temperature 7.0 °C		Present on Sample		<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace			
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Non AWAL Supplied Container			
Notes:		Unbroken on Sample		Notes:			
<input checked="" type="checkbox"/> Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		11/11/14			
Notes:		Notes:					
<input checked="" type="checkbox"/> Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A					
Notes:				Discrepancies Between Labels and COC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Notes:			

[illegible]

Procedure:

- 1) Pour a small amount of sample in the sample lid
- 2) Pour sample from Lid gently over wide range pH paper
- 3) **Do Not** dip the pH paper in the sample bottle or lid
- 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
- 5) Flag COC and notify client for further instructions
- 6) Place client conversation on COC
- 7) Samples may be adjusted at client request



Kerry Gee
United Park City Mines Co.
PO Box 1450
Park City, UT 84060
TEL: (435) 608-0954

RE: Richardson Flat OU3

Dear Kerry Gee:

Lab Set ID: 1411184

3440 South 700 West
Salt Lake City, UT 84119

American West Analytical Laboratories received 25 sample(s) on 11/12/2014 for the analyses presented in the following report.

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

American West Analytical Laboratories (AWAL) is accredited by The National Environmental Laboratory Accreditation Program (NELAP) in Utah and Texas; and is state accredited in Colorado, Idaho, New Mexico, and Missouri.

All analyses were performed in accordance to the NELAP protocols unless noted otherwise. Accreditation scope documents are available upon request. If you have any questions or concerns regarding this report please feel free to call.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit. Analytical results are reported to three significant figures for quality control and calculation purposes.

This is a revision to a report originally issued 12/5/2014. Pages 1, 22, and 53 have been revised. The Client Sample ID has been updated.

Thank You,

Approved by: _____
Laboratory Director or designee



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-001
Client Sample ID: OU3-0-SO-MRU-6D-0
Collection Date: 11/12/2014 900h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
 Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1216h	SW6010C	95.5	22,100	³
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	3.82	16.7	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 848h	SW6020A	2.39	24.3	¹
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	4.30	207	³
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	1.91	< 1.91	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	0.812	7.88	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1216h	SW6010C	955	11,200	³
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	9.55	29.4	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	1.29	9.16	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	14.8	48.0	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1216h	SW6010C	47.8	19,400	³
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 948h	SW6020A	62.1	511	³
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1216h	SW6010C	955	8,320	³
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 948h	SW6020A	38.2	1,480	³
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1411h	SW7471B	0.0339	0.815	¹
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	19.1	< 19.1	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1216h	SW6010C	955	7,360	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	8.12	< 8.12	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	1.43	2.78	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1357h	SW6010C	95.5	242	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1606h	SW6020A	3.82	< 3.82	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1357h	SW6010C	0.478	49.0	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1216h	SW6010C	47.8	1,130	³

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.
 This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-002
Client Sample ID: OU3-0-SO-MRU-6D-0.501
Collection Date: 11/12/2014 900h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1224h	SW6010C	109	27,500	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	4.35	94.1	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 857h	SW6020A	2.72	88.9	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	4.90	209	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	2.18	< 2.18	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	0.925	23.8	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1224h	SW6010C	1,090	19,000	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	10.9	40.3	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	1.47	13.0	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	16.9	168	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1224h	SW6010C	54.4	25,200	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1007h	SW6020A	70.7	2,450	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1224h	SW6010C	1,090	11,300	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1007h	SW6020A	43.5	777	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1416h	SW7471B	0.0387	3.80	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	21.8	24.8	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1224h	SW6010C	1,090	10,200	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	9.25	< 9.25	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	1.63	12.4	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1403h	SW6010C	109	327	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1622h	SW6020A	4.35	< 4.35	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1403h	SW6010C	0.544	70.4	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1224h	SW6010C	54.4	4,360	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-003
Client Sample ID: OU3-0-SO-MRU-6D-0303.5
Collection Date: 11/12/2014 900h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1226h	SW6010C	116	21,800	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	4.63	156	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 900h	SW6020A	2.89	159	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	5.21	166	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	2.32	< 2.32	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	0.984	24.1	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1226h	SW6010C	1,160	8,000	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	11.6	35.4	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	1.56	8.63	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	17.9	332	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1226h	SW6010C	57.9	23,800	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1010h	SW6020A	75.2	4,280	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1226h	SW6010C	1,160	8,400	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1010h	SW6020A	46.3	900	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1457h	SW7471B	0.423	11.5	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	23.2	< 23.2	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1226h	SW6010C	1,160	6,610	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	9.84	< 9.84	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	1.74	23.4	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1404h	SW6010C	116	271	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1625h	SW6020A	4.63	< 4.63	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1404h	SW6010C	0.579	60.4	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1226h	SW6010C	57.9	5,650	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-004
Client Sample ID: OU3-0-SO-MRU-5D-0
Collection Date: 11/12/2014 1000h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1227h	SW6010C	98.4	26,300	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	3.93	13.2	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 903h	SW6020A	2.46	19.2	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	4.43	258	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	1.97	< 1.97	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	0.836	4.88	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1227h	SW6010C	984	5,600	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	9.84	38.4	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	1.33	10.9	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	15.2	46.0	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1227h	SW6010C	49.2	22,700	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	6.39	388	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1227h	SW6010C	984	7,220	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1014h	SW6020A	39.3	1,170	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1424h	SW7471B	0.0392	0.615	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	19.7	21.2	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1227h	SW6010C	984	8,920	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	8.36	< 8.36	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	1.48	1.91	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1406h	SW6010C	98.4	277	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1628h	SW6020A	3.93	< 3.93	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1406h	SW6010C	0.492	61.2	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1227h	SW6010C	49.2	708	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-005
Client Sample ID: OU3-0-SO-MRU-5D-0.501
Collection Date: 11/12/2014 1000h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1236h	SW6010C	107	26,800	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	4.30	16.5	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 907h	SW6020A	2.69	27.6	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	4.83	162	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	2.15	< 2.15	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	0.913	3.87	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1236h	SW6010C	1,070	14,600	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	10.7	39.5	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	1.45	9.23	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	16.6	51.2	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1236h	SW6010C	53.7	22,700	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1017h	SW6020A	69.8	729	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1236h	SW6010C	1,070	7,600	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1017h	SW6020A	43.0	848	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1426h	SW7471B	0.0414	0.521	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	21.5	< 21.5	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1236h	SW6010C	1,070	8,240	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	9.13	< 9.13	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	1.61	3.06	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1407h	SW6010C	107	184	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1641h	SW6020A	4.30	< 4.30	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1407h	SW6010C	0.537	59.0	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1236h	SW6010C	53.7	768	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-006
Client Sample ID: OU3-0-SO-MRU-4D-0
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1238h	SW6010C	108	27,100	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	4.33	7.85	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 910h	SW6020A	2.71	15.0	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	4.87	244	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	2.17	< 2.17	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	0.921	2.75	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1238h	SW6010C	1,080	5,790	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	10.8	34.6	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	1.46	10.7	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	16.8	35.0	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1238h	SW6010C	54.1	25,200	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	7.04	185	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1238h	SW6010C	1,080	6,110	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1020h	SW6020A	43.3	875	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1427h	SW7471B	0.0364	0.299	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	21.7	< 21.7	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1238h	SW6010C	1,080	8,360	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	9.21	< 9.21	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	1.62	< 1.62	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1409h	SW6010C	108	372	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1644h	SW6020A	4.33	< 4.33	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1409h	SW6010C	0.541	64.1	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1238h	SW6010C	54.1	357	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-007
Client Sample ID: OU3-0-SO-MRU-4D-0.501
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1240h	SW6010C	125	28,900	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	4.98	49.0	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 923h	SW6020A	3.11	55.3	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	5.61	273	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	2.49	< 2.49	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	1.06	15.7	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1240h	SW6010C	1,250	13,400	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	12.5	44.3	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	1.68	11.0	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	19.3	107	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1240h	SW6010C	62.3	24,900	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1023h	SW6020A	81.0	1,260	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1240h	SW6010C	1,250	7,470	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1023h	SW6020A	49.8	1,470	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1429h	SW7471B	0.0437	3.92	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	24.9	< 24.9	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1240h	SW6010C	1,250	7,640	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	10.6	< 10.6	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	1.87	6.47	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1411h	SW6010C	125	478	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1648h	SW6020A	4.98	< 4.98	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1411h	SW6010C	0.623	64.6	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1240h	SW6010C	62.3	2,670	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-008
Client Sample ID: OU3-9-SO-MRU-4D-0
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1241h	SW6010C	102	29,800	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	4.10	8.35	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 926h	SW6020A	2.56	15.7	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	4.61	271	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	2.05	< 2.05	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	0.871	2.58	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1241h	SW6010C	1,020	5,260	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	10.2	36.3	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	1.38	11.3	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	15.9	35.3	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1241h	SW6010C	51.2	26,300	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	6.66	185	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1241h	SW6010C	1,020	6,430	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1026h	SW6020A	41.0	951	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1431h	SW7471B	0.0392	0.291	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	20.5	21.7	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1241h	SW6010C	1,020	9,190	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	8.71	< 8.71	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	1.54	< 1.54	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1413h	SW6010C	102	399	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1651h	SW6020A	4.10	< 4.10	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1413h	SW6010C	0.512	64.6	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1241h	SW6010C	51.2	354	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-009
Client Sample ID: OU3-9-SO-MRU-4D-1.502
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1243h	SW6010C	115	30,400	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	4.60	38.1	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 929h	SW6020A	2.87	39.8	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	5.17	242	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	2.30	< 2.30	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	0.977	18.2	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1243h	SW6010C	1,150	7,250	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	11.5	64.1	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	1.55	9.90	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	17.8	106	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1243h	SW6010C	57.5	25,000	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1029h	SW6020A	74.7	1,360	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1243h	SW6010C	1,150	6,450	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1029h	SW6020A	46.0	1,370	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1433h	SW7471B	0.0424	2.99	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	23.0	< 23.0	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1243h	SW6010C	1,150	8,250	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	9.77	< 9.77	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	1.72	5.07	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1421h	SW6010C	115	713	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1654h	SW6020A	4.60	< 4.60	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1421h	SW6010C	0.575	62.9	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1243h	SW6010C	57.5	2,320	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-010
Client Sample ID: OU3-0-SO-MRU-1D-0
Collection Date: 11/12/2014 1130h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1245h	SW6010C	100	21,100	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	4.00	24.3	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 932h	SW6020A	2.50	24.1	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	4.51	186	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	2.00	< 2.00	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	0.851	7.10	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1245h	SW6010C	1,000	15,000	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	10.0	50.6	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	1.35	11.0	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	15.5	74.7	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1245h	SW6010C	50.1	20,400	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1033h	SW6020A	65.1	660	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1245h	SW6010C	1,000	8,400	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1033h	SW6020A	40.0	1,140	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1435h	SW7471B	0.0394	1.53	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	20.0	< 20.0	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1245h	SW6010C	1,000	7,640	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	8.51	< 8.51	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	1.50	4.59	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1423h	SW6010C	100	705	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1657h	SW6020A	4.00	< 4.00	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1423h	SW6010C	0.501	48.9	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1245h	SW6010C	50.1	1,230	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-011
Client Sample ID: OU3-0-SO-MRU-1D-0.501
Collection Date: 11/12/2014 1130h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1247h	SW6010C	121	23,600	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	4.85	24.6	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 935h	SW6020A	3.03	31.2	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	5.45	186	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	2.42	< 2.42	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	1.03	5.10	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1247h	SW6010C	1,210	66,500	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	12.1	31.4	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	1.64	9.02	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	18.8	74.4	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1247h	SW6010C	60.6	20,900	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	7.88	401	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1247h	SW6010C	1,210	9,220	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1045h	SW6020A	48.5	3,390	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1436h	SW7471B	0.0441	1.11	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	24.2	< 24.2	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1247h	SW6010C	1,210	8,150	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	10.3	< 10.3	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	1.82	3.08	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1425h	SW6010C	121	1,080	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1700h	SW6020A	4.85	< 4.85	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1425h	SW6010C	0.606	52.9	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1247h	SW6010C	60.6	901	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-012
Client Sample ID: OU3-0-SO-MRU-2D-0
Collection Date: 11/12/2014 1210h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1249h	SW6010C	92.3	29,000	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	3.69	< 3.69	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 939h	SW6020A	2.31	7.23	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	4.15	218	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	1.85	< 1.85	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	0.784	2.40	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1249h	SW6010C	923	8,660	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	9.23	37.1	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	1.25	15.9	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	14.3	31.4	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1249h	SW6010C	46.1	30,300	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	6.00	42.6	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1249h	SW6010C	923	6,620	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1049h	SW6020A	36.9	776	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1438h	SW7471B	0.0377	< 0.0377	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	18.5	< 18.5	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1249h	SW6010C	923	5,430	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	7.84	< 7.84	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	1.38	< 1.38	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1427h	SW6010C	92.3	2,190	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1704h	SW6020A	3.69	< 3.69	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1427h	SW6010C	0.461	83.7	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1249h	SW6010C	46.1	166	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-013
Client Sample ID: OU3-0-SO-MRU-2D-0.501
Collection Date: 11/12/2014 1210h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1251h	SW6010C	125	22,800	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	5.00	< 5.00	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 942h	SW6020A	3.12	11.1	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	5.62	154	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	2.50	< 2.50	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	1.06	< 1.06	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1251h	SW6010C	1,250	83,700	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	12.5	28.6	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	1.69	9.21	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	19.4	< 19.4	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1251h	SW6010C	62.5	20,400	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	8.12	42.3	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1251h	SW6010C	1,250	13,900	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1052h	SW6020A	50.0	3,460	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1443h	SW7471B	0.0418	0.0810	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	25.0	< 25.0	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1251h	SW6010C	1,250	7,960	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	10.6	< 10.6	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	1.87	< 1.87	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1429h	SW6010C	125	1,210	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1707h	SW6020A	5.00	< 5.00	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1429h	SW6010C	0.625	47.8	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1251h	SW6010C	62.5	148	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-014
Client Sample ID: OU3-0-SO-MRU-3D-0
Collection Date: 11/12/2014 1235h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1252h	SW6010C	104	19,600	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	4.18	< 4.18	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/4/2014 945h	SW6020A	2.61	7.50	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	4.70	167	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	2.09	< 2.09	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	0.888	3.30	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1252h	SW6010C	1,040	14,200	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	10.4	66.8	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	1.41	28.8	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	16.2	58.9	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1252h	SW6010C	52.2	22,700	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	6.79	68.2	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1252h	SW6010C	1,040	8,710	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1055h	SW6020A	41.8	576	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1445h	SW7471B	0.0340	0.0804	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	20.9	24.8	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1252h	SW6010C	1,040	4,380	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	8.88	< 8.88	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	1.57	< 1.57	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1431h	SW6010C	104	2,080	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1710h	SW6020A	4.18	< 4.18	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1431h	SW6010C	0.522	56.4	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1252h	SW6010C	52.2	260	

This sample was sieved with a 2 mm sieve prior to analysis.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-015
Client Sample ID: OU3-0-SO-MRU-3D-0.501
Collection Date: 11/12/2014 1235h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1301h	SW6010C	129	29,900	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	5.16	8.83	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	3.23	17.0	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	5.81	204	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	2.58	< 2.58	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	1.10	2.93	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1301h	SW6010C	1,290	17,700	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	12.9	39.5	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	1.74	13.7	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	20.0	35.5	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1301h	SW6010C	64.5	31,300	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	8.39	220	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1301h	SW6010C	1,290	10,900	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1058h	SW6020A	51.6	1,010	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1447h	SW7471B	0.0491	0.489	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	25.8	27.5	
Potassium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1301h	SW6010C	1,290	8,540	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	11.0	< 11.0	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	1.94	< 1.94	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1433h	SW6010C	129	2,740	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1723h	SW6020A	5.16	< 5.16	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1433h	SW6010C	0.645	69.4	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1301h	SW6010C	64.5	540	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-016
Client Sample ID: OU3-0-SD-SCRFR
Collection Date: 11/12/2014 1033h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1303h	SW6010C	131	1,450	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	5.24	171	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	3.27	413	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	5.89	144	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	2.62	< 2.62	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	1.11	78.2	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1303h	SW6010C	1,310	21,200	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	13.1	< 13.1	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	1.77	29.9	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	20.3	272	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1337h	SW6010C	655	105,000	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1101h	SW6020A	85.1	6,540	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1303h	SW6010C	1,310	9,280	
Manganese	mg/kg-dry	11/29/2014 1402h	12/4/2014 1101h	SW6020A	52.4	1,340	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1449h	SW7471B	0.0502	3.97	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	26.2	< 26.2	
Potassium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1435h	SW6010C	131	651	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	11.1	62.8	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	1.96	28.2	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1435h	SW6010C	131	< 131	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1726h	SW6020A	5.24	< 5.24	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1435h	SW6010C	0.655	18.7	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1303h	SW6010C	65.5	12,000	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-017
Client Sample ID: OU3-0-SD-SCURTFB
Collection Date: 11/12/2014 1150h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1305h	SW6010C	362	17,400	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	14.5	90.9	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	9.04	119	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	16.3	190	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	7.23	< 7.23	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	3.07	34.1	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1305h	SW6010C	3,620	55,700	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	36.2	< 36.2	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	4.88	9.56	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	56.0	214	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1305h	SW6010C	181	22,400	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1104h	SW6020A	235	2,360	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1305h	SW6010C	3,620	7,940	
Manganese	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	14.5	985	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1451h	SW7471B	0.133	4.50	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	72.3	< 72.3	
Potassium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1436h	SW6010C	362	4,530	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	30.7	< 30.7	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	5.42	21.9	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1436h	SW6010C	362	513	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1729h	SW6020A	14.5	< 14.5	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1436h	SW6010C	1.81	44.1	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1305h	SW6010C	181	5,760	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-018
Client Sample ID: OU3-0-SD-MRUBP
Collection Date: 11/12/2014 1300h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1306h	SW6010C	398	23,500	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	15.9	37.8	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	9.95	63.3	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	17.9	181	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	7.96	< 7.96	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	3.38	84.7	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1306h	SW6010C	3,980	21,400	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	39.8	45.5	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	5.37	9.72	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	61.7	180	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1306h	SW6010C	199	19,200	
Lead	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	25.9	1,070	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1306h	SW6010C	3,980	9,670	
Manganese	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	15.9	385	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1452h	SW7471B	0.134	1.85	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	79.6	< 79.6	
Potassium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1438h	SW6010C	398	5,850	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	33.8	< 33.8	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	5.97	12.3	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1438h	SW6010C	398	876	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1732h	SW6020A	15.9	< 15.9	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1438h	SW6010C	1.99	52.0	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1306h	SW6010C	199	7,460	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-019
Client Sample ID: OU3-9-SD-SCURTFB
Collection Date: 11/12/2014 1155h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/kg-dry	11/29/2014 1402h	12/3/2014 1308h	SW6010C	332	18,600	
Antimony	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	13.3	95.8	
Arsenic	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	8.29	121	
Barium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	14.9	217	
Beryllium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	6.63	< 6.63	
Cadmium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	2.82	34.6	
Calcium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1308h	SW6010C	3,320	49,600	
Chromium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	33.2	40.9	
Cobalt	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	4.48	9.39	
Copper	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	51.4	212	
Iron	mg/kg-dry	11/29/2014 1402h	12/3/2014 1308h	SW6010C	166	20,200	
Lead	mg/kg-dry	11/29/2014 1402h	12/4/2014 1108h	SW6020A	215	2,470	
Magnesium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1308h	SW6010C	3,320	7,160	
Manganese	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	13.3	980	
Mercury	mg/kg-dry	12/1/2014 1830h	12/3/2014 1454h	SW7471B	0.127	5.02	
Nickel	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	66.3	< 66.3	
Potassium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1446h	SW6010C	332	5,660	
Selenium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	28.2	< 28.2	
Silver	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	4.97	19.1	
Sodium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1446h	SW6010C	332	723	
Thallium	mg/kg-dry	11/29/2014 1402h	12/3/2014 1736h	SW6020A	13.3	< 13.3	
Vanadium	mg/kg-dry	11/29/2014 1402h	12/2/2014 1446h	SW6010C	1.66	45.6	
Zinc	mg/kg-dry	11/29/2014 1402h	12/3/2014 1308h	SW6010C	166	5,120	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-020
Client Sample ID: OU3-0-SW-SCRFR
Collection Date: 11/12/2014 954h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/21/2014 1026h	11/26/2014 1405h	SW6010C	0.100	0.152	
Antimony	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	0.00796	
Arsenic	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	0.00885	
Barium	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	0.0433	
Beryllium	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.000500	0.00114	
Calcium	mg/L	11/21/2014 1026h	11/25/2014 1441h	SW6010C	10.0	120	²
Chromium	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	0.00605	
Iron	mg/L	11/21/2014 1026h	11/26/2014 1405h	SW6010C	0.100	0.719	
Lead	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	0.0617	
Magnesium	mg/L	11/21/2014 1026h	11/25/2014 1441h	SW6010C	10.0	26.8	
Manganese	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	0.335	
Mercury	mg/L	11/17/2014 1425h	11/18/2014 1203h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/21/2014 1026h	11/26/2014 1405h	SW6010C	1.00	2.43	
Selenium	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/21/2014 1026h	11/25/2014 1441h	SW6010C	10.0	73.1	²
Thallium	mg/L	11/21/2014 1026h	11/26/2014 1602h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/21/2014 1026h	11/26/2014 1405h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/21/2014 1026h	11/26/2014 1405h	SW6010C	0.0100	0.309	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-021
Client Sample ID: OU3-0-SW-SCURTFB
Collection Date: 11/12/2014 1120h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/21/2014 1026h	11/26/2014 1411h	SW6010C	0.100	0.273	
Antimony	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	0.00677	
Arsenic	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	0.00758	
Barium	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	0.0389	
Beryllium	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.000500	0.00112	
Calcium	mg/L	11/21/2014 1026h	11/25/2014 1448h	SW6010C	10.0	112	
Chromium	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	0.00604	
Iron	mg/L	11/21/2014 1026h	11/26/2014 1411h	SW6010C	0.100	0.447	
Lead	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	0.0493	
Magnesium	mg/L	11/21/2014 1026h	11/25/2014 1448h	SW6010C	10.0	23.3	
Manganese	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	0.154	
Mercury	mg/L	11/17/2014 1425h	11/18/2014 1208h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/21/2014 1026h	11/26/2014 1411h	SW6010C	1.00	2.32	
Selenium	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/21/2014 1026h	11/25/2014 1448h	SW6010C	10.0	66.1	
Thallium	mg/L	11/21/2014 1026h	11/26/2014 1621h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/21/2014 1026h	11/26/2014 1411h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/21/2014 1026h	11/26/2014 1411h	SW6010C	0.0100	0.331	

Reissue of a previously generated report. The Client Sample ID has been updated. Information herein supersedes that of the previously issued reports.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-022
Client Sample ID: OU3-0-SW-MRUBP
Collection Date: 11/12/2014 1245h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/21/2014 1026h	11/26/2014 1413h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	0.00540	
Arsenic	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	0.00282	
Barium	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	0.0236	
Beryllium	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.000500	0.00290	
Calcium	mg/L	11/21/2014 1026h	11/25/2014 1450h	SW6010C	10.0	92.9	
Chromium	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	0.00343	
Iron	mg/L	11/21/2014 1026h	11/26/2014 1413h	SW6010C	0.100	0.144	
Lead	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	0.00744	
Magnesium	mg/L	11/21/2014 1026h	11/25/2014 1450h	SW6010C	10.0	15.5	
Manganese	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	0.0924	
Mercury	mg/L	11/17/2014 1425h	11/18/2014 1210h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/21/2014 1026h	11/26/2014 1413h	SW6010C	1.00	2.23	
Selenium	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/21/2014 1026h	11/25/2014 1450h	SW6010C	10.0	61.7	
Thallium	mg/L	11/21/2014 1026h	11/26/2014 1624h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/21/2014 1026h	11/26/2014 1413h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/21/2014 1026h	11/26/2014 1413h	SW6010C	0.0100	0.724	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-023
Client Sample ID: OU3-0-SW-SCBOU4
Collection Date: 11/12/2014 1342h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/21/2014 1026h	11/26/2014 1415h	SW6010C	0.100	2.51	
Antimony	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.0105	
Arsenic	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.0173	
Barium	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.0462	
Beryllium	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.000500	0.0220	
Calcium	mg/L	11/21/2014 1026h	11/25/2014 1452h	SW6010C	10.0	95.7	
Chromium	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.00516	
Cobalt	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.0440	
Iron	mg/L	11/21/2014 1026h	11/26/2014 1415h	SW6010C	0.100	4.12	
Lead	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.240	
Magnesium	mg/L	11/21/2014 1026h	11/25/2014 1452h	SW6010C	10.0	16.9	
Manganese	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.442	
Mercury	mg/L	11/17/2014 1425h	11/18/2014 1215h	SW7470A	0.000150	0.000328	
Nickel	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.00536	
Potassium	mg/L	11/21/2014 1026h	11/26/2014 1415h	SW6010C	1.00	2.78	
Selenium	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	0.00216	
Sodium	mg/L	11/21/2014 1026h	11/25/2014 1452h	SW6010C	10.0	62.0	
Thallium	mg/L	11/21/2014 1026h	11/26/2014 1659h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/21/2014 1026h	11/26/2014 1415h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/21/2014 1026h	11/26/2014 1415h	SW6010C	0.0100	2.16	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-024
Client Sample ID: OU3-0-SW-SCAOU4
Collection Date: 11/12/2014 1424h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/21/2014 1026h	11/26/2014 1417h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.00638	
Arsenic	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.00347	
Barium	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.0202	
Beryllium	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.000500	0.00140	
Calcium	mg/L	11/21/2014 1026h	11/25/2014 1500h	SW6010C	10.0	64.0	
Chromium	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.00458	
Iron	mg/L	11/21/2014 1026h	11/26/2014 1417h	SW6010C	0.100	0.127	
Lead	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.00918	
Magnesium	mg/L	11/21/2014 1026h	11/25/2014 1500h	SW6010C	10.0	11.6	
Manganese	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.0213	
Mercury	mg/L	11/17/2014 1425h	11/18/2014 1217h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	0.00322	
Potassium	mg/L	11/21/2014 1026h	11/26/2014 1417h	SW6010C	1.00	1.56	
Selenium	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/21/2014 1026h	11/25/2014 1500h	SW6010C	10.0	29.1	
Thallium	mg/L	11/21/2014 1026h	11/26/2014 1702h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/21/2014 1026h	11/26/2014 1417h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/21/2014 1026h	11/26/2014 1417h	SW6010C	0.0100	0.379	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-025
Client Sample ID: OU3-9-SW-SCURTFB
Collection Date: 11/12/2014 1125h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

TOTAL METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/21/2014 1026h	11/26/2014 1418h	SW6010C	0.100	0.252	
Antimony	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	0.00675	
Arsenic	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	0.00701	
Barium	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	0.0383	
Beryllium	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.000500	0.00107	
Calcium	mg/L	11/21/2014 1026h	11/25/2014 1501h	SW6010C	10.0	111	
Chromium	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	0.00563	
Iron	mg/L	11/21/2014 1026h	11/26/2014 1418h	SW6010C	0.100	0.420	
Lead	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	0.0468	
Magnesium	mg/L	11/21/2014 1026h	11/25/2014 1501h	SW6010C	10.0	23.1	
Manganese	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	0.150	
Mercury	mg/L	11/17/2014 1425h	11/18/2014 1219h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/21/2014 1026h	11/26/2014 1418h	SW6010C	1.00	2.30	
Selenium	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/21/2014 1026h	11/25/2014 1501h	SW6010C	10.0	65.2	
Thallium	mg/L	11/21/2014 1026h	11/26/2014 1705h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/21/2014 1026h	11/26/2014 1418h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/21/2014 1026h	11/26/2014 1418h	SW6010C	0.0100	0.327	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-020
Client Sample ID: OU3-0-SW-SCRFR
Collection Date: 11/12/2014 954h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

DISSOLVED METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/14/2014 1256h	11/18/2014 1500h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	0.00517	
Arsenic	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	0.00404	
Barium	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	0.0364	
Beryllium	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.000500	< 0.000500	
Calcium	mg/L	11/14/2014 1256h	11/19/2014 1111h	SW6010C	10.0	113	²
Chromium	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Iron	mg/L	11/14/2014 1256h	11/18/2014 1500h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Magnesium	mg/L	11/14/2014 1256h	11/18/2014 1500h	SW6010C	1.00	23.1	
Manganese	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	0.256	
Mercury	mg/L	11/21/2014 1515h	11/26/2014 1007h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/14/2014 1256h	11/18/2014 1500h	SW6010C	1.00	2.56	
Selenium	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/14/2014 1256h	11/19/2014 1111h	SW6010C	10.0	67.5	
Thallium	mg/L	11/14/2014 1256h	11/25/2014 1332h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/14/2014 1256h	11/18/2014 1500h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/14/2014 1256h	11/18/2014 1500h	SW6010C	0.0100	0.174	

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-021
Client Sample ID: OU3-0-SW-URTFB
Collection Date: 11/12/2014 1120h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

DISSOLVED METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/14/2014 1256h	11/18/2014 1505h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	0.00466	
Arsenic	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	0.00478	
Barium	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	0.0339	
Beryllium	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.000500	< 0.000500	
Calcium	mg/L	11/14/2014 1256h	11/19/2014 1125h	SW6010C	10.0	110	
Chromium	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Iron	mg/L	11/14/2014 1256h	11/18/2014 1505h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Magnesium	mg/L	11/14/2014 1256h	11/18/2014 1505h	SW6010C	1.00	20.7	
Manganese	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	0.126	
Mercury	mg/L	11/21/2014 1515h	11/26/2014 1013h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/14/2014 1256h	11/18/2014 1505h	SW6010C	1.00	2.25	
Selenium	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/14/2014 1256h	11/19/2014 1125h	SW6010C	10.0	61.7	
Thallium	mg/L	11/14/2014 1256h	11/25/2014 1342h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/14/2014 1256h	11/18/2014 1505h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/14/2014 1256h	11/18/2014 1505h	SW6010C	0.0100	0.203	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-022
Client Sample ID: OU3-0-SW-MRUBP
Collection Date: 11/12/2014 1245h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

DISSOLVED METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/14/2014	1256h	11/19/2014	1154h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	0.00489	
Arsenic	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Barium	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	0.0222	
Beryllium	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.000500	0.000502	
Calcium	mg/L	11/14/2014	1256h	11/19/2014	1127h	SW6010C	10.0	94.4	
Chromium	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Iron	mg/L	11/14/2014	1256h	11/18/2014	1514h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Magnesium	mg/L	11/14/2014	1256h	11/18/2014	1514h	SW6010C	1.00	14.2	
Manganese	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	0.0879	
Mercury	mg/L	11/21/2014	1515h	11/26/2014	1018h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	0.00212	
Potassium	mg/L	11/14/2014	1256h	11/18/2014	1514h	SW6010C	1.00	2.15	
Selenium	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/14/2014	1256h	11/19/2014	1127h	SW6010C	10.0	60.4	
Thallium	mg/L	11/14/2014	1256h	11/25/2014	1345h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/14/2014	1256h	11/18/2014	1514h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/14/2014	1256h	11/18/2014	1514h	SW6010C	0.0100	0.610	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-023
Client Sample ID: OU3-0-SW-SCBOU4
Collection Date: 11/12/2014 1342h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

DISSOLVED METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/14/2014	1256h	11/19/2014	1156h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	0.00481	
Arsenic	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	0.00204	
Barium	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	0.0221	
Beryllium	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.000500	0.000568	
Calcium	mg/L	11/14/2014	1256h	11/19/2014	1129h	SW6010C	10.0	94.7	
Chromium	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Iron	mg/L	11/14/2014	1256h	11/18/2014	1516h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Magnesium	mg/L	11/14/2014	1256h	11/18/2014	1516h	SW6010C	1.00	14.2	
Manganese	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	0.0772	
Mercury	mg/L	11/21/2014	1515h	11/26/2014	1020h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	0.00208	
Potassium	mg/L	11/14/2014	1256h	11/18/2014	1516h	SW6010C	1.00	2.23	
Selenium	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/14/2014	1256h	11/19/2014	1129h	SW6010C	10.0	61.6	
Thallium	mg/L	11/14/2014	1256h	11/25/2014	1348h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/14/2014	1256h	11/18/2014	1516h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/14/2014	1256h	11/18/2014	1516h	SW6010C	0.0100	0.623	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-024
Client Sample ID: OU3-0-SW-SCAOU4
Collection Date: 11/12/2014 1424h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

DISSOLVED METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/14/2014 1256h	11/19/2014 1157h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	0.00586	
Arsenic	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	0.00307	
Barium	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	0.0195	
Beryllium	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.000500	0.000794	
Calcium	mg/L	11/14/2014 1256h	11/19/2014 1131h	SW6010C	10.0	63.7	
Chromium	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Iron	mg/L	11/14/2014 1256h	11/18/2014 1517h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Magnesium	mg/L	11/14/2014 1256h	11/18/2014 1517h	SW6010C	1.00	11.1	
Manganese	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	0.0183	
Mercury	mg/L	11/21/2014 1515h	11/26/2014 1022h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/14/2014 1256h	11/18/2014 1517h	SW6010C	1.00	1.47	
Selenium	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/14/2014 1256h	11/19/2014 1131h	SW6010C	10.0	28.3	
Thallium	mg/L	11/14/2014 1256h	11/25/2014 1352h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/14/2014 1256h	11/18/2014 1517h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/14/2014 1256h	11/18/2014 1517h	SW6010C	0.0100	0.338	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-025
Client Sample ID: OU3-9-SW-SCURTFB
Collection Date: 11/12/2014 1125h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

DISSOLVED METALS

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
 Toll Free: (888) 263-8686
 Fax: (801) 263-8687
 e-mail: awal@awal-labs.com
 web: www.awal-labs.com

Kyle F. Gross
 Laboratory Director

Jose Rocha
 QA Officer

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Aluminum	mg/L	11/14/2014 1256h	11/19/2014 1159h	SW6010C	0.100	< 0.100	
Antimony	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	0.00465	
Arsenic	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	0.00458	
Barium	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	0.0332	
Beryllium	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Cadmium	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.000500	< 0.000500	
Calcium	mg/L	11/14/2014 1256h	11/19/2014 1132h	SW6010C	10.0	109	
Chromium	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Cobalt	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00400	< 0.00400	
Copper	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Iron	mg/L	11/14/2014 1256h	11/18/2014 1519h	SW6010C	0.100	< 0.100	
Lead	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Magnesium	mg/L	11/14/2014 1256h	11/18/2014 1519h	SW6010C	1.00	20.7	
Manganese	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	0.129	
Mercury	mg/L	11/21/2014 1515h	11/26/2014 1024h	SW7470A	0.000150	< 0.000150	
Nickel	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Potassium	mg/L	11/14/2014 1256h	11/18/2014 1519h	SW6010C	1.00	2.16	
Selenium	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Silver	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Sodium	mg/L	11/14/2014 1256h	11/19/2014 1132h	SW6010C	10.0	62.2	
Thallium	mg/L	11/14/2014 1256h	11/25/2014 1355h	SW6020A	0.00200	< 0.00200	
Vanadium	mg/L	11/14/2014 1256h	11/18/2014 1519h	SW6010C	0.00500	< 0.00500	
Zinc	mg/L	11/14/2014 1256h	11/18/2014 1519h	SW6010C	0.0100	0.206	



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-001
Client Sample ID: OU3-0-SO-MRU-6D-0
Collection Date: 11/12/2014 900h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1216h	SM4500-P-F	254	1,010	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-002
Client Sample ID: OU3-0-SO-MRU-6D-0.501
Collection Date: 11/12/2014 900h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	11/26/2014 1309h	SM4500-P-F	281	1,010	²

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-003
Client Sample ID: OU3-0-SO-MRU-6D-0303.5
Collection Date: 11/12/2014 900h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	11/26/2014	1311h	SM4500-P-F	286	983	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-004
Client Sample ID: OU3-0-SO-MRU-5D-0
Collection Date: 11/12/2014 1000h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1218h	SM4500-P-F	255	1,640	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-005
Client Sample ID: OU3-0-SO-MRU-5D-0.501
Collection Date: 11/12/2014 1000h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	11/26/2014	1312h	SM4500-P-F	279	2,120	

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-006
Client Sample ID: OU3-0-SO-MRU-4D-0
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1219h	SM4500-P-F	255	1,200	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-007
Client Sample ID: OU3-0-SO-MRU-4D-0.501
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	11/26/2014 1312h	SM4500-P-F	295	1,810	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-008
Client Sample ID: OU3-9-SO-MRU-4D-0
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1219h	SM4500-P-F	255	1,310	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-009
Client Sample ID: OU3-9-SO-MRU-4D-1.502
Collection Date: 11/12/2014 1030h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	11/26/2014 1313h	SM4500-P-F	286	3,020	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-010
Client Sample ID: OU3-0-SO-MRU-1D-0
Collection Date: 11/12/2014 1130h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1220h	SM4500-P-F	256	1,720	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-011
Client Sample ID: OU3-0-SO-MRU-1D-0.501
Collection Date: 11/12/2014 1130h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	11/26/2014 1314h	SM4500-P-F	297	1,300	

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-012
Client Sample ID: OU3-0-SO-MRU-2D-0
Collection Date: 11/12/2014 1210h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1221h	SM4500-P-F	254	927	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-013
Client Sample ID: OU3-0-SO-MRU-2D-0.501
Collection Date: 11/12/2014 1210h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	11/26/2014 1319h	SM4500-P-F	293	1,510	

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-014
Client Sample ID: OU3-0-SO-MRU-3D-0
Collection Date: 11/12/2014 1235h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/21/2014 938h	12/1/2014 1225h	SM4500-P-F	255	847	

This sample was sieved with a 2 mm sieve prior to analysis.

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-015
Client Sample ID: OU3-0-SO-MRU-3D-0.501
Collection Date: 11/12/2014 1235h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014 1032h	11/26/2014 1319h	SM4500-P-F	307	1,140	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-016
Client Sample ID: OU3-0-SD-SCRFR
Collection Date: 11/12/2014 1033h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	11/26/2014	1320h	SM4500-P-F	326	1,270	

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-017
Client Sample ID: OU3-0-SD-SCURTFB
Collection Date: 11/12/2014 1150h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	11/26/2014	1321h	SM4500-P-F	931	1,260	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-018
Client Sample ID: OU3-0-SD-MRUBP
Collection Date: 11/12/2014 1300h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	11/26/2014	1321h	SM4500-P-F	1,000	1,300	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-019
Client Sample ID: OU3-9-SD-SCURTFB
Collection Date: 11/12/2014 1155h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared		Date Analyzed		Method Used	Reporting Limit	Analytical Result	Qual
Phosphate, Total (as P)	mg/kg-dry	11/13/2014	1032h	11/26/2014	1322h	SM4500-P-F	886	1,200	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-020
Client Sample ID: OU3-0-SW-SCRFR
Collection Date: 11/12/2014 954h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Alkalinity (as CaCO ₃)	mg/L		11/13/2014 730h	SM2320B	10.0	144	
Chloride	mg/L		11/14/2014 1712h	E300.0	10.0	133	
Hardness (as CaCO ₃)	mg/L		12/3/2014 1023h	SM2340B	10.0	410	
Nitrate (as N)	mg/L		11/13/2014 1433h	E353.2	0.0100	0.0180	¹
Phosphate, Total (as P)	mg/L	11/13/2014 910h	11/14/2014 1116h	SM4500-P-F	0.0500	0.0614	
Sulfate	mg/L		11/14/2014 1712h	E300.0	75.0	193	¹
Total Dissolved Solids	mg/L		11/14/2014 1400h	SM2540C	20.0	640	
Total Suspended Solids	mg/L		11/13/2014 1520h	SM2540D	3.00	5.60	

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-021
Client Sample ID: OU3-0-SW-SCURTFB
Collection Date: 11/12/2014 1120h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686
Toll Free: (888) 263-8686
Fax: (801) 263-8687
e-mail: awal@awal-labs.com
web: www.awal-labs.com

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Alkalinity (as CaCO ₃)	mg/L		11/13/2014 730h	SM2320B	10.0	131	
Chloride	mg/L		11/14/2014 1803h	E300.0	10.0	126	
Hardness (as CaCO ₃)	mg/L		12/3/2014 1023h	SM2340B	10.0	375	
Nitrate (as N)	mg/L		11/13/2014 1440h	E353.2	0.0100	0.225	
Phosphate, Total (as P)	mg/L	11/13/2014 910h	11/14/2014 1118h	SM4500-P-F	0.0500	0.0520	
Sulfate	mg/L		11/14/2014 1803h	E300.0	75.0	181	
Total Dissolved Solids	mg/L		11/14/2014 1400h	SM2540C	20.0	484	
Total Suspended Solids	mg/L		11/13/2014 1520h	SM2540D	3.00	12.0	

Reissue of a previously generated report. The Client Sample ID has been updated. Information herein supersedes that of the previously issued reports.

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-022
Client Sample ID: OU3-0-SW-MRUBP
Collection Date: 11/12/2014 1245h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Alkalinity (as CaCO ₃)	mg/L		11/13/2014 730h	SM2320B	10.0	114	
Chloride	mg/L		11/14/2014 1820h	E300.0	10.0	112	
Hardness (as CaCO ₃)	mg/L		12/3/2014 1023h	SM2340B	10.0	296	
Nitrate (as N)	mg/L		11/13/2014 1441h	E353.2	0.0100	0.253	
Phosphate, Total (as P)	mg/L	11/13/2014 910h	11/14/2014 1119h	SM4500-P-F	0.0500	< 0.0500	
Sulfate	mg/L		11/14/2014 1820h	E300.0	75.0	166	
Total Dissolved Solids	mg/L		11/14/2014 1400h	SM2540C	20.0	400	
Total Suspended Solids	mg/L		11/13/2014 1520h	SM2540D	3.00	3.60	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-023
Client Sample ID: OU3-0-SW-SCBOU4
Collection Date: 11/12/2014 1342h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Alkalinity (as CaCO ₃)	mg/L		11/13/2014 730h	SM2320B	10.0	115	
Chloride	mg/L		11/14/2014 1837h	E300.0	10.0	113	
Hardness (as CaCO ₃)	mg/L		12/3/2014 1023h	SM2340B	10.0	309	
Nitrate (as N)	mg/L		11/13/2014 1550h	E353.2	0.0100	0.251	
Phosphate, Total (as P)	mg/L	11/13/2014 910h	11/14/2014 1119h	SM4500-P-F	0.0500	0.251	
Sulfate	mg/L		11/14/2014 1837h	E300.0	75.0	127	
Total Dissolved Solids	mg/L		11/14/2014 1400h	SM2540C	20.0	492	
Total Suspended Solids	mg/L		11/13/2014 1520h	SM2540D	3.00	119	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-024
Client Sample ID: OU3-0-SW-SCAOU4
Collection Date: 11/12/2014 1424h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Alkalinity (as CaCO ₃)	mg/L		11/13/2014 730h	SM2320B	10.0	108	
Chloride	mg/L		11/14/2014 2216h	E300.0	1.00	50.4	
Hardness (as CaCO ₃)	mg/L		12/3/2014 1023h	SM2340B	10.0	208	
Nitrate (as N)	mg/L		11/13/2014 1557h	E353.2	0.0100	0.152	
Phosphate, Total (as P)	mg/L	11/13/2014 910h	11/14/2014 1120h	SM4500-P-F	0.0500	< 0.0500	
Sulfate	mg/L		11/14/2014 2216h	E300.0	7.50	89.0	
Total Dissolved Solids	mg/L		11/14/2014 1400h	SM2540C	20.0	280	
Total Suspended Solids	mg/L		11/13/2014 1520h	SM2540D	3.00	6.00	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



INORGANIC ANALYTICAL REPORT

Client: United Park City Mines Co.
Project: Richardson Flat OU3
Lab Sample ID: 1411184-025
Client Sample ID: OU3-9-SW-SCURTFB
Collection Date: 11/12/2014 1125h
Received Date: 11/12/2014 1603h

Contact: Kerry Gee

Analytical Results

Compound	Units	Date Prepared	Date Analyzed	Method Used	Reporting Limit	Analytical Result	Qual
Alkalinity (as CaCO ₃)	mg/L		11/13/2014 730h	SM2320B	10.0	129	
Chloride	mg/L		11/14/2014 1910h	E300.0	10.0	125	
Hardness (as CaCO ₃)	mg/L		12/3/2014 1023h	SM2340B	10.0	373	
Nitrate (as N)	mg/L		11/13/2014 1558h	E353.2	0.0100	0.218	
Phosphate, Total (as P)	mg/L	11/13/2014 910h	11/14/2014 1121h	SM4500-P-F	0.0500	0.0569	
Sulfate	mg/L		11/14/2014 1910h	E300.0	75.0	186	
Total Dissolved Solids	mg/L		11/14/2014 1400h	SM2540C	20.0	484	
Total Suspended Solids	mg/L		11/13/2014 1520h	SM2540D	3.00	12.0	

3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686

Toll Free: (888) 263-8686

Fax: (801) 263-8687

e-mail: awal@awal-labs.com

web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34279	Date Analyzed:	11/18/2014 1450h											
Test Code:	6010C-DIS	Date Prepared:	11/14/2014 1256h										
Aluminum	0.931	mg/L	SW6010C	0.0320	0.100	1.000	0	93.1	80 - 120				
Calcium	9.16	mg/L	SW6010C	0.0213	1.00	10.00	0	91.6	80 - 120				
Iron	0.964	mg/L	SW6010C	0.0920	0.100	1.000	0	96.4	80 - 120				
Magnesium	9.68	mg/L	SW6010C	0.0208	1.00	10.00	0	96.8	80 - 120				
Potassium	9.32	mg/L	SW6010C	0.230	1.00	10.00	0	93.2	80 - 120				
Vanadium	0.185	mg/L	SW6010C	0.00106	0.00500	0.2000	0	92.5	80 - 120				
Zinc	0.920	mg/L	SW6010C	0.00900	0.0100	1.000	0	92.0	80 - 120				
Lab Sample ID: LCS-34279	Date Analyzed:	11/19/2014 1059h											
Test Code:	6010C-DIS	Date Prepared:	11/14/2014 1256h										
Sodium	9.79	mg/L	SW6010C	0.0300	1.00	10.00	0	97.9	80 - 120				
Lab Sample ID: LCS-34515	Date Analyzed:	12/03/2014 1213h											
Test Code:	6010C-S	Date Prepared:	11/29/2014 1402h										
Aluminum	98.0	mg/kg	SW6010C	1.72	10.0	100.0	0	98.0	80 - 120				
Calcium	1,010	mg/kg	SW6010C	2.37	100	1,000	0	101	80 - 120				
Iron	105	mg/kg	SW6010C	1.14	5.00	100.0	0	105	80 - 120				
Magnesium	1,050	mg/kg	SW6010C	10.5	100	1,000	0	105	80 - 120				
Potassium	966	mg/kg	SW6010C	20.3	100	1,000	0	96.6	80 - 120				
Sodium	1,020	mg/kg	SW6010C	7.71	100	1,000	0	102	80 - 120				
Vanadium	19.7	mg/kg	SW6010C	0.137	0.500	20.00	0	98.6	80 - 120				
Zinc	92.7	mg/kg	SW6010C	0.191	5.00	100.0	0	92.7	80 - 120				
Lab Sample ID: LCS-34432	Date Analyzed:	11/26/2014 1404h											
Test Code:	6010C-W	Date Prepared:	11/21/2014 1026h										
Vanadium	0.192	mg/L	SW6010C	0.00106	0.00500	0.2000	0	96.2	80 - 120				
Lab Sample ID: LCS-34432	Date Analyzed:	11/25/2014 1437h											
Test Code:	6010C-W	Date Prepared:	11/21/2014 1026h										
Aluminum	0.995	mg/L	SW6010C	0.0320	0.100	1.000	0	99.5	80 - 120				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34432													
Date Analyzed:		11/25/2014 1437h											
Test Code:		6010C-W											
Date Prepared:		11/21/2014 1026h											
Calcium	9.60	mg/L	SW6010C	0.0213	1.00	10.00	0	96.0	80 - 120				
Iron	1.03	mg/L	SW6010C	0.0920	0.100	1.000	0	103	80 - 120				
Magnesium	9.88	mg/L	SW6010C	0.0208	1.00	10.00	0	98.8	80 - 120				
Potassium	9.81	mg/L	SW6010C	0.230	1.00	10.00	0	98.1	80 - 120				
Sodium	10.2	mg/L	SW6010C	0.0300	1.00	10.00	0	102	80 - 120				
Zinc	0.963	mg/L	SW6010C	0.00900	0.0100	1.000	0	96.3	80 - 120				
Lab Sample ID: LCS-34279													
Date Analyzed:		11/25/2014 1246h											
Test Code:		6020-DIS											
Date Prepared:		11/14/2014 1256h											
Antimony	0.191	mg/L	SW6020A	0.000948	0.00200	0.2000	0	95.6	85 - 115				
Arsenic	0.204	mg/L	SW6020A	0.000212	0.00200	0.2000	0	102	85 - 115				
Barium	0.190	mg/L	SW6020A	0.000508	0.00200	0.2000	0	94.8	85 - 115				
Beryllium	0.205	mg/L	SW6020A	0.0000238	0.00200	0.2000	0	103	85 - 115				
Cadmium	0.185	mg/L	SW6020A	0.000342	0.000500	0.2000	0	92.7	85 - 115				
Chromium	0.189	mg/L	SW6020A	0.000872	0.00200	0.2000	0	94.6	85 - 115				
Cobalt	0.186	mg/L	SW6020A	0.0000832	0.00400	0.2000	0	93.1	85 - 115				
Copper	0.188	mg/L	SW6020A	0.000432	0.00200	0.2000	0	94.2	85 - 115				
Lead	0.185	mg/L	SW6020A	0.000428	0.00200	0.2000	0	92.5	85 - 115				
Manganese	0.192	mg/L	SW6020A	0.00120	0.00200	0.2000	0	96.1	85 - 115				
Nickel	0.185	mg/L	SW6020A	0.00158	0.00200	0.2000	0	92.5	85 - 115				
Selenium	0.202	mg/L	SW6020A	0.000270	0.00200	0.2000	0	101	85 - 115				
Silver	0.188	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	93.8	85 - 115				
Thallium	0.177	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	88.7	85 - 115				
Lab Sample ID: LCS-34515													
Date Analyzed:		12/03/2014 1603h											
Test Code:		6020-S											
Date Prepared:		11/29/2014 1402h											
Antimony	20.3	mg/kg	SW6020A	0.364	4.00	20.00	0	102	85 - 115				
Barium	20.0	mg/kg	SW6020A	2.70	4.50	20.00	0	99.9	85 - 115				
Beryllium	20.3	mg/kg	SW6020A	0.00595	2.00	20.00	0	102	85 - 115				
Cadmium	19.8	mg/kg	SW6020A	0.0168	0.850	20.00	0	98.9	85 - 115				

Report Date: 12/5/2014 Page 59 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34515		Date Analyzed:	12/03/2014 1603h										
Test Code: 6020-S		Date Prepared:	11/29/2014 1402h										
Chromium	19.7	mg/kg	SW6020A	2.43	10.0	20.00	0	98.5	85 - 115				
Cobalt	19.7	mg/kg	SW6020A	0.152	1.35	20.00	0	98.5	85 - 115				
Copper	19.8	mg/kg	SW6020A	1.54	15.5	20.00	0	98.8	85 - 115				
Lead	19.9	mg/kg	SW6020A	3.00	6.50	20.00	0	99.3	85 - 115				
Manganese	19.9	mg/kg	SW6020A	0.670	4.00	20.00	0	99.4	85 - 115				
Nickel	19.5	mg/kg	SW6020A	2.18	20.0	20.00	0	97.4	85 - 115				
Selenium	20.1	mg/kg	SW6020A	0.545	8.50	20.00	0	100	85 - 115				
Silver	20.2	mg/kg	SW6020A	0.0224	1.50	20.00	0	101	85 - 115				
Thallium	18.3	mg/kg	SW6020A	0.00505	4.00	20.00	0	91.7	85 - 115				
Lab Sample ID: LCS-34515		Date Analyzed:	12/04/2014 844h										
Test Code: 6020-S		Date Prepared:	11/29/2014 1402h										
Arsenic	19.3	mg/kg	SW6020A	0.0810	2.50	20.00	0	96.5	85 - 115				
Lab Sample ID: LCS-34515		Date Analyzed:	12/04/2014 1516h										
Test Code: 6020-S		Date Prepared:	11/29/2014 1402h										
Nickel	19.6	mg/kg	SW6020A	1.75	16.0	20.00	0	97.8	85 - 115				
Lab Sample ID: LCS-34432		Date Analyzed:	11/26/2014 1559h										
Test Code: 6020-W		Date Prepared:	11/21/2014 1026h										
Antimony	0.208	mg/L	SW6020A	0.000948	0.00200	0.2000	0	104	85 - 115				
Arsenic	0.207	mg/L	SW6020A	0.000212	0.00200	0.2000	0	103	85 - 115				
Barium	0.202	mg/L	SW6020A	0.000508	0.00200	0.2000	0	101	85 - 115				
Beryllium	0.204	mg/L	SW6020A	0.0000238	0.00200	0.2000	0	102	85 - 115				
Cadmium	0.200	mg/L	SW6020A	0.000342	0.000500	0.2000	0	99.9	85 - 115				
Chromium	0.197	mg/L	SW6020A	0.000872	0.00200	0.2000	0	98.6	85 - 115				
Cobalt	0.197	mg/L	SW6020A	0.0000832	0.00400	0.2000	0	98.3	85 - 115				
Copper	0.200	mg/L	SW6020A	0.000432	0.00200	0.2000	0	100	85 - 115				
Lead	0.205	mg/L	SW6020A	0.000428	0.00200	0.2000	0	102	85 - 115				
Manganese	0.198	mg/L	SW6020A	0.00120	0.00200	0.2000	0	98.9	85 - 115				

Report Date: 12/5/2014 Page 60 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411184

Project: Richardson Flat OU3

Contact: Kerry Gee

Dept: ME

QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-34432	Date Analyzed:	11/26/2014 1559h											
Test Code:	6020-W	Date Prepared:	11/21/2014 1026h										
Nickel	0.195	mg/L	SW6020A	0.00158	0.00200	0.2000	0	97.6	85 - 115				
Selenium	0.202	mg/L	SW6020A	0.000270	0.00200	0.2000	0	101	85 - 115				
Silver	0.205	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	102	85 - 115				
Thallium	0.193	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	96.7	85 - 115				
Lab Sample ID: LCS-34436	Date Analyzed:	11/26/2014 944h											
Test Code:	HG-DIS-7470A	Date Prepared:	11/21/2014 1515h										
Mercury	0.00366	mg/L	SW7470A	0.00000519	0.000150	0.003330	0	110	85 - 115				
Lab Sample ID: LCS-34534	Date Analyzed:	12/03/2014 1405h											
Test Code:	HG-S-7471B	Date Prepared:	12/01/2014 1830h										
Mercury	0.825	mg/kg	SW7471B	0.00301	0.0400	0.8000	0	103	80 - 120				
Lab Sample ID: LCS-34310	Date Analyzed:	11/18/2014 1157h											
Test Code:	HG-W-7470A	Date Prepared:	11/17/2014 1425h										
Mercury	0.00314	mg/L	SW7470A	0.00000519	0.000150	0.003330	0	94.2	80 - 120				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34279	Date Analyzed:	11/18/2014 1447h											
Test Code:	6010C-DIS	Date Prepared:	11/14/2014 1256h										
Aluminum	< 0.100	mg/L	SW6010C	0.0320	0.100								
Calcium	< 1.00	mg/L	SW6010C	0.0213	1.00								
Iron	< 0.100	mg/L	SW6010C	0.0920	0.100								
Magnesium	< 1.00	mg/L	SW6010C	0.0208	1.00								
Potassium	< 1.00	mg/L	SW6010C	0.230	1.00								
Vanadium	< 0.00500	mg/L	SW6010C	0.00106	0.00500								
Zinc	< 0.0100	mg/L	SW6010C	0.00900	0.0100								
Lab Sample ID: MB-34279	Date Analyzed:	11/19/2014 1057h											
Test Code:	6010C-DIS	Date Prepared:	11/14/2014 1256h										
Sodium	< 1.00	mg/L	SW6010C	0.0300	1.00								
Lab Sample ID: MB-34515	Date Analyzed:	12/03/2014 1210h											
Test Code:	6010C-S	Date Prepared:	11/29/2014 1402h										
Aluminum	< 10.0	mg/kg	SW6010C	1.72	10.0								
Calcium	< 100	mg/kg	SW6010C	2.37	100								
Iron	< 5.00	mg/kg	SW6010C	1.14	5.00								
Magnesium	< 100	mg/kg	SW6010C	10.5	100								
Potassium	< 100	mg/kg	SW6010C	20.3	100								
Sodium	< 100	mg/kg	SW6010C	7.71	100								
Vanadium	< 0.500	mg/kg	SW6010C	0.137	0.500								
Zinc	< 5.00	mg/kg	SW6010C	0.191	5.00								
Lab Sample ID: MB-34432	Date Analyzed:	11/26/2014 1401h											
Test Code:	6010C-W	Date Prepared:	11/21/2014 1026h										
Vanadium	< 0.00500	mg/L	SW6010C	0.00106	0.00500								
Lab Sample ID: MB-34432	Date Analyzed:	11/25/2014 1435h											
Test Code:	6010C-W	Date Prepared:	11/21/2014 1026h										
Aluminum	< 0.100	mg/L	SW6010C	0.0320	0.100								

Report Date: 12/5/2014 Page 62 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34432													
Date Analyzed:		11/25/2014 1435h											
Test Code:		6010C-W											
Date Prepared:		11/21/2014 1026h											
Calcium	< 1.00	mg/L	SW6010C	0.0213	1.00								
Iron	< 0.100	mg/L	SW6010C	0.0920	0.100								
Magnesium	< 1.00	mg/L	SW6010C	0.0208	1.00								
Potassium	< 1.00	mg/L	SW6010C	0.230	1.00								
Sodium	< 1.00	mg/L	SW6010C	0.0300	1.00								
Zinc	< 0.0100	mg/L	SW6010C	0.00900	0.0100								
Lab Sample ID: MB-34279													
Date Analyzed:		11/25/2014 1242h											
Test Code:		6020-DIS											
Date Prepared:		11/14/2014 1256h											
Antimony	< 0.00200	mg/L	SW6020A	0.000948	0.00200								
Arsenic	< 0.00200	mg/L	SW6020A	0.000212	0.00200								
Barium	< 0.00200	mg/L	SW6020A	0.000508	0.00200								
Beryllium	< 0.00200	mg/L	SW6020A	0.0000238	0.00200								
Cadmium	< 0.000500	mg/L	SW6020A	0.000342	0.000500								
Chromium	< 0.00200	mg/L	SW6020A	0.000872	0.00200								
Cobalt	< 0.00400	mg/L	SW6020A	0.0000832	0.00400								
Copper	< 0.00200	mg/L	SW6020A	0.000432	0.00200								
Lead	< 0.00200	mg/L	SW6020A	0.000428	0.00200								
Manganese	< 0.00200	mg/L	SW6020A	0.00120	0.00200								
Nickel	< 0.00200	mg/L	SW6020A	0.00158	0.00200								
Selenium	< 0.00200	mg/L	SW6020A	0.000270	0.00200								
Silver	< 0.00200	mg/L	SW6020A	0.0000434	0.00200								
Thallium	< 0.00200	mg/L	SW6020A	0.0000434	0.00200								
Lab Sample ID: MB-34515													
Date Analyzed:		12/03/2014 1600h											
Test Code:		6020-S											
Date Prepared:		11/29/2014 1402h											
Antimony	< 4.00	mg/kg	SW6020A	0.364	4.00								
Barium	< 4.50	mg/kg	SW6020A	2.70	4.50								
Beryllium	< 2.00	mg/kg	SW6020A	0.00595	2.00								
Cadmium	< 0.850	mg/kg	SW6020A	0.0168	0.850								

Report Date: 12/5/2014 Page 63 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	MB-34515	Date Analyzed:	12/03/2014	1600h										
Test Code:	6020-S	Date Prepared:	11/29/2014	1402h										
Chromium		< 10.0	mg/kg	SW6020A	2.43	10.0								
Cobalt		< 1.35	mg/kg	SW6020A	0.152	1.35								
Copper		< 15.5	mg/kg	SW6020A	1.54	15.5								
Lead		< 6.50	mg/kg	SW6020A	3.00	6.50								
Manganese		< 4.00	mg/kg	SW6020A	0.670	4.00								
Nickel		< 20.0	mg/kg	SW6020A	2.18	20.0								
Selenium		< 8.50	mg/kg	SW6020A	0.545	8.50								
Silver		< 1.50	mg/kg	SW6020A	0.0224	1.50								
Thallium		< 4.00	mg/kg	SW6020A	0.00505	4.00								
Lab Sample ID:	MB-34515	Date Analyzed:	12/04/2014	841h										
Test Code:	6020-S	Date Prepared:	11/29/2014	1402h										
Arsenic		< 2.50	mg/kg	SW6020A	0.0810	2.50								
Lab Sample ID:	MB-34432	Date Analyzed:	11/26/2014	1556h										
Test Code:	6020-W	Date Prepared:	11/21/2014	1026h										
Antimony		< 0.00200	mg/L	SW6020A	0.000948	0.00200								
Arsenic		< 0.00200	mg/L	SW6020A	0.000212	0.00200								
Barium		< 0.00200	mg/L	SW6020A	0.000508	0.00200								
Beryllium		< 0.00200	mg/L	SW6020A	0.0000238	0.00200								
Cadmium		< 0.000500	mg/L	SW6020A	0.000342	0.000500								
Chromium		< 0.00200	mg/L	SW6020A	0.000872	0.00200								
Cobalt		< 0.00400	mg/L	SW6020A	0.0000832	0.00400								
Copper		< 0.00200	mg/L	SW6020A	0.000432	0.00200								
Lead		< 0.00200	mg/L	SW6020A	0.000428	0.00200								
Manganese		< 0.00200	mg/L	SW6020A	0.00120	0.00200								
Nickel		< 0.00200	mg/L	SW6020A	0.00158	0.00200								
Selenium		< 0.00200	mg/L	SW6020A	0.000270	0.00200								
Silver		< 0.00200	mg/L	SW6020A	0.0000434	0.00200								
Thallium		< 0.00200	mg/L	SW6020A	0.0000434	0.00200								

Report Date: 12/5/2014 Page 64 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-34436	Date Analyzed:	11/26/2014	942h										
Test Code:	HG-DIS-7470A	Date Prepared:	11/21/2014	1515h									
Mercury	< 0.000150	mg/L	SW7470A	0.00000519	0.000150								
Lab Sample ID: MB-34534	Date Analyzed:	12/03/2014	1404h										
Test Code:	HG-S-7471B	Date Prepared:	12/01/2014	1830h									
Mercury	< 0.0400	mg/kg	SW7471B	0.00301	0.0400								
Lab Sample ID: MB-34310	Date Analyzed:	11/18/2014	1156h										
Test Code:	HG-W-7470A	Date Prepared:	11/17/2014	1425h									
Mercury	< 0.000150	mg/L	SW7470A	0.00000519	0.000150								



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020BMS	Date Analyzed:	11/18/2014 1501h											
Test Code:	6010C-DIS	Date Prepared:	11/14/2014 1256h										
Aluminum	0.948	mg/L	SW6010C	0.0320	0.100	1.000	0	94.8	75 - 125				
Iron	1.01	mg/L	SW6010C	0.0920	0.100	1.000	0	101	75 - 125				
Magnesium	33.4	mg/L	SW6010C	0.0208	1.00	10.00	23.1	103	75 - 125				
Potassium	12.3	mg/L	SW6010C	0.230	1.00	10.00	2.56	97.6	75 - 125				
Vanadium	0.185	mg/L	SW6010C	0.00106	0.00500	0.2000	0	92.4	75 - 125				
Zinc	1.11	mg/L	SW6010C	0.00900	0.0100	1.000	0.174	93.5	75 - 125				
Lab Sample ID: 1411184-020BMS	Date Analyzed:	11/19/2014 1121h											
Test Code:	6010C-DIS	Date Prepared:	11/14/2014 1256h										
Calcium	123	mg/L	SW6010C	0.213	10.0	10.00	113	94.3	75 - 125				
Sodium	76.5	mg/L	SW6010C	0.300	10.0	10.00	67.5	90.7	75 - 125				
Lab Sample ID: 1411184-001AMS	Date Analyzed:	12/02/2014 1359h											
Test Code:	6010C-S	Date Prepared:	11/29/2014 1402h										
Sodium	1,180	mg/kg-dry	SW6010C	7.09	91.9	919.4	242	102	75 - 125				
Vanadium	68.8	mg/kg-dry	SW6010C	0.126	0.460	18.39	49	108	75 - 125				
Lab Sample ID: 1411184-001AMS	Date Analyzed:	12/03/2014 1220h											
Test Code:	6010C-S	Date Prepared:	11/29/2014 1402h										
Aluminum	23,500	mg/kg-dry	SW6010C	15.8	91.9	91.94	22100	1,500	75 - 125				3
Calcium	13,500	mg/kg-dry	SW6010C	21.8	919	919.4	11200	248	75 - 125				3
Iron	19,600	mg/kg-dry	SW6010C	10.5	46.0	91.94	19400	202	75 - 125				3
Magnesium	10,100	mg/kg-dry	SW6010C	96.5	919	919.4	8320	192	75 - 125				3
Potassium	8,510	mg/kg-dry	SW6010C	187	919	919.4	7360	124	75 - 125				
Zinc	1,280	mg/kg-dry	SW6010C	1.76	46.0	91.94	1130	169	75 - 125				3
Lab Sample ID: 1411184-020AMS	Date Analyzed:	11/26/2014 1407h											
Test Code:	6010C-W	Date Prepared:	11/21/2014 1026h										
Aluminum	1.17	mg/L	SW6010C	0.0320	0.100	1.000	0.152	102	75 - 125				
Iron	1.71	mg/L	SW6010C	0.0920	0.100	1.000	0.719	98.7	75 - 125				

Report Date: 12/5/2014 Page 66 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020AMS		Date Analyzed:	11/26/2014 1407h										
Test Code: 6010C-W		Date Prepared:	11/21/2014 1026h										
Potassium	12.3	mg/L	SW6010C	0.230	1.00	10.00	2.43	98.5	75 - 125				
Vanadium	0.194	mg/L	SW6010C	0.00106	0.00500	0.2000	0	97.2	75 - 125				
Zinc	1.27	mg/L	SW6010C	0.00900	0.0100	1.000	0.309	96.2	75 - 125				
Lab Sample ID: 1411184-020AMS		Date Analyzed:	11/25/2014 1445h										
Test Code: 6010C-W		Date Prepared:	11/21/2014 1026h										
Calcium	126	mg/L	SW6010C	0.213	10.0	10.00	120	56.6	75 - 125				2
Magnesium	36.9	mg/L	SW6010C	0.208	10.0	10.00	26.8	102	75 - 125				
Sodium	79.9	mg/L	SW6010C	0.300	10.0	10.00	73.1	67.6	75 - 125				2
Lab Sample ID: 1411184-020BMS		Date Analyzed:	11/25/2014 1335h										
Test Code: 6020-DIS		Date Prepared:	11/14/2014 1256h										
Antimony	0.198	mg/L	SW6020A	0.000948	0.00200	0.2000	0.00517	96.4	75 - 125				
Arsenic	0.208	mg/L	SW6020A	0.000212	0.00200	0.2000	0.00404	102	75 - 125				
Barium	0.227	mg/L	SW6020A	0.000508	0.00200	0.2000	0.0364	95.4	75 - 125				
Beryllium	0.206	mg/L	SW6020A	0.0000238	0.00200	0.2000	0	103	75 - 125				
Cadmium	0.185	mg/L	SW6020A	0.000342	0.000500	0.2000	0	92.3	75 - 125				
Chromium	0.185	mg/L	SW6020A	0.000872	0.00200	0.2000	0	92.4	75 - 125				
Cobalt	0.182	mg/L	SW6020A	0.0000832	0.00400	0.2000	0.00037	90.8	75 - 125				
Copper	0.182	mg/L	SW6020A	0.000432	0.00200	0.2000	0.000573	90.8	75 - 125				
Lead	0.184	mg/L	SW6020A	0.000428	0.00200	0.2000	0.00106	91.3	75 - 125				
Manganese	0.450	mg/L	SW6020A	0.00120	0.00200	0.2000	0.256	96.8	75 - 125				
Nickel	0.181	mg/L	SW6020A	0.00158	0.00200	0.2000	0	90.7	75 - 125				
Selenium	0.200	mg/L	SW6020A	0.000270	0.00200	0.2000	0.000784	99.8	75 - 125				
Silver	0.186	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	93.1	75 - 125				
Thallium	0.178	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	89.1	75 - 125				
Lab Sample ID: 1411184-001AMS		Date Analyzed:	12/03/2014 1616h										
Test Code: 6020-S		Date Prepared:	11/29/2014 1402h										
Antimony	34.0	mg/kg-dry	SW6020A	0.334	3.68	18.39	16.7	94.3	75 - 125				

Report Date: 12/5/2014 Page 67 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-001AMS													
Date Analyzed:		12/03/2014 1616h											
Test Code:		6020-S											
Date Prepared:		11/29/2014 1402h											
Barium	231	mg/kg-dry	SW6020A	2.49	4.14	18.39	207	130	75 - 125				3
Beryllium	19.2	mg/kg-dry	SW6020A	0.00547	1.84	18.39	0.977	99.3	75 - 125				
Cadmium	25.5	mg/kg-dry	SW6020A	0.0155	0.781	18.39	7.88	96.0	75 - 125				
Chromium	47.6	mg/kg-dry	SW6020A	2.23	9.19	18.39	29.4	98.5	75 - 125				
Cobalt	25.8	mg/kg-dry	SW6020A	0.140	1.24	18.39	9.16	90.6	75 - 125				
Copper	62.2	mg/kg-dry	SW6020A	1.41	14.3	18.39	48	76.8	75 - 125				
Nickel	34.3	mg/kg-dry	SW6020A	2.01	18.4	18.39	18.1	88.0	75 - 125				
Selenium	19.0	mg/kg-dry	SW6020A	0.501	7.81	18.39	0.574	99.9	75 - 125				
Silver	21.2	mg/kg-dry	SW6020A	0.0206	1.38	18.39	2.78	100	75 - 125				
Thallium	16.8	mg/kg-dry	SW6020A	0.00464	3.68	18.39	0.428	89.3	75 - 125				
Lab Sample ID: 1411184-001AMS													
Date Analyzed:		12/04/2014 851h											
Test Code:		6020-S											
Date Prepared:		11/29/2014 1402h											
Arsenic	38.1	mg/kg-dry	SW6020A	0.0745	2.30	18.39	25	71.2	75 - 125				1
Lab Sample ID: 1411184-001AMS													
Date Analyzed:		12/04/2014 951h											
Test Code:		6020-S											
Date Prepared:		11/29/2014 1402h											
Lead	519	mg/kg-dry	SW6020A	27.5	59.8	18.39	505	73.9	75 - 125				3
Manganese	1,390	mg/kg-dry	SW6020A	6.16	36.8	18.39	1440	-297	75 - 125				3
Lab Sample ID: 1411184-020AMS													
Date Analyzed:		11/26/2014 1614h											
Test Code:		6020-W											
Date Prepared:		11/21/2014 1026h											
Antimony	0.214	mg/L	SW6020A	0.000948	0.00200	0.2000	0.00796	103	75 - 125				
Arsenic	0.215	mg/L	SW6020A	0.000212	0.00200	0.2000	0.00885	103	75 - 125				
Barium	0.241	mg/L	SW6020A	0.000508	0.00200	0.2000	0.0433	98.7	75 - 125				
Beryllium	0.203	mg/L	SW6020A	0.0000238	0.00200	0.2000	0.0000853	101	75 - 125				
Cadmium	0.198	mg/L	SW6020A	0.000342	0.000500	0.2000	0.00114	98.3	75 - 125				
Chromium	0.196	mg/L	SW6020A	0.000872	0.00200	0.2000	0	98.0	75 - 125				
Cobalt	0.196	mg/L	SW6020A	0.0000832	0.00400	0.2000	0.00049	97.6	75 - 125				
Copper	0.203	mg/L	SW6020A	0.000432	0.00200	0.2000	0.00605	98.6	75 - 125				

Report Date: 12/5/2014 Page 68 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MS

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	1411184-020AMS	Date Analyzed:	11/26/2014 1614h											
Test Code:	6020-W	Date Prepared:	11/21/2014 1026h											
Lead		0.260	mg/L	SW6020A	0.000428	0.00200	0.2000	0.0617	99.0	75 - 125				
Manganese		0.529	mg/L	SW6020A	0.00120	0.00200	0.2000	0.335	96.9	75 - 125				
Nickel		0.194	mg/L	SW6020A	0.00158	0.00200	0.2000	0	96.9	75 - 125				
Selenium		0.199	mg/L	SW6020A	0.000270	0.00200	0.2000	0.000946	99.2	75 - 125				
Silver		0.200	mg/L	SW6020A	0.0000434	0.00200	0.2000	0.000385	100	75 - 125				
Thallium		0.191	mg/L	SW6020A	0.0000434	0.00200	0.2000	0.000208	95.3	75 - 125				
Lab Sample ID:	1411184-020BMS	Date Analyzed:	11/26/2014 1009h											
Test Code:	HG-DIS-7470A	Date Prepared:	11/21/2014 1515h											
Mercury		0.00366	mg/L	SW7470A	0.00000519	0.000150	0.003330	0.00000667	110	85 - 115				
Lab Sample ID:	1411184-001AMS	Date Analyzed:	12/03/2014 1412h											
Test Code:	HG-S-7471B	Date Prepared:	12/01/2014 1830h											
Mercury		1.15	mg/kg-dry	SW7471B	0.00306	0.0406	0.4063	0.815	81.7	80 - 120				
Lab Sample ID:	1411184-020AMS	Date Analyzed:	11/18/2014 1205h											
Test Code:	HG-W-7470A	Date Prepared:	11/17/2014 1425h											
Mercury		0.00352	mg/L	SW7470A	0.00000519	0.000150	0.003330	0	106	80 - 120				

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020BMSD													
Test Code:	6010C-DIS	Date Analyzed:	11/18/2014 1503h	Date Prepared:	11/14/2014 1256h								
Aluminum	0.948	mg/L	SW6010C	0.0320	0.100	1.000	0	94.8	75 - 125	0.948	0.0454	20	
Iron	0.985	mg/L	SW6010C	0.0920	0.100	1.000	0	98.5	75 - 125	1.01	2.22	20	
Magnesium	32.1	mg/L	SW6010C	0.0208	1.00	10.00	23.1	90.3	75 - 125	33.4	3.93	20	
Potassium	11.8	mg/L	SW6010C	0.230	1.00	10.00	2.56	92.2	75 - 125	12.3	4.43	20	
Vanadium	0.185	mg/L	SW6010C	0.00106	0.00500	0.2000	0	92.4	75 - 125	0.185	0.00279	20	
Zinc	1.10	mg/L	SW6010C	0.00900	0.0100	1.000	0.174	92.7	75 - 125	1.11	0.808	20	
Lab Sample ID: 1411184-020BMSD													
Test Code:	6010C-DIS	Date Analyzed:	11/19/2014 1123h	Date Prepared:	11/14/2014 1256h								
Calcium	120	mg/L	SW6010C	0.213	10.0	10.00	113	68.5	75 - 125	123	2.12	20	2
Sodium	75.8	mg/L	SW6010C	0.300	10.0	10.00	67.5	83.5	75 - 125	76.5	0.953	20	
Lab Sample ID: 1411184-001AMSD													
Test Code:	6010C-S	Date Analyzed:	12/02/2014 1401h	Date Prepared:	11/29/2014 1402h								
Sodium	1,250	mg/kg-dry	SW6010C	7.81	101	1,013	242	99.6	75 - 125	1180	6.08	20	
Vanadium	73.5	mg/kg-dry	SW6010C	0.139	0.506	20.25	49	121	75 - 125	68.8	6.51	20	
Lab Sample ID: 1411184-001AMSD													
Test Code:	6010C-S	Date Analyzed:	12/03/2014 1222h	Date Prepared:	11/29/2014 1402h								
Aluminum	22,300	mg/kg-dry	SW6010C	17.4	101	101.3	22100	177	75 - 125	23500	5.25	20	3
Calcium	11,700	mg/kg-dry	SW6010C	24.0	1,010	1,013	11200	46.3	75 - 125	13500	14.4	20	3
Iron	19,200	mg/kg-dry	SW6010C	11.5	50.6	101.3	19400	-186	75 - 125	19600	1.93	20	3
Magnesium	9,310	mg/kg-dry	SW6010C	106	1,010	1,013	8320	98.3	75 - 125	10100	7.90	20	
Potassium	8,380	mg/kg-dry	SW6010C	206	1,010	1,013	7360	100	75 - 125	8510	1.49	20	
Zinc	1,300	mg/kg-dry	SW6010C	1.93	50.6	101.3	1130	170	75 - 125	1280	1.23	20	3
Lab Sample ID: 1411184-020AMSD													
Test Code:	6010C-W	Date Analyzed:	11/26/2014 1409h	Date Prepared:	11/21/2014 1026h								
Aluminum	1.14	mg/L	SW6010C	0.0320	0.100	1.000	0.152	98.5	75 - 125	1.17	3.03	20	
Iron	1.70	mg/L	SW6010C	0.0920	0.100	1.000	0.719	97.8	75 - 125	1.71	0.508	20	



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020AMSD													
Test Code:	6010C-W	Date Analyzed:	11/26/2014 1409h	Date Prepared:	11/21/2014 1026h								
Potassium	12.1	mg/L	SW6010C	0.230	1.00	10.00	2.43	96.2	75 - 125	12.3	1.84	20	
Vanadium	0.195	mg/L	SW6010C	0.00106	0.00500	0.2000	0	97.3	75 - 125	0.194	0.134	20	
Zinc	1.26	mg/L	SW6010C	0.00900	0.0100	1.000	0.309	95.5	75 - 125	1.27	0.594	20	
Lab Sample ID: 1411184-020AMSD													
Test Code:	6010C-W	Date Analyzed:	11/25/2014 1446h	Date Prepared:	11/21/2014 1026h								
Calcium	126	mg/L	SW6010C	0.213	10.0	10.00	120	59.6	75 - 125	126	0.237	20	2
Magnesium	36.7	mg/L	SW6010C	0.208	10.0	10.00	26.8	99.5	75 - 125	36.9	0.589	20	
Sodium	80.6	mg/L	SW6010C	0.300	10.0	10.00	73.1	75.2	75 - 125	79.9	0.945	20	
Lab Sample ID: 1411184-020BMSD													
Test Code:	6020-DIS	Date Analyzed:	11/25/2014 1339h	Date Prepared:	11/14/2014 1256h								
Antimony	0.190	mg/L	SW6020A	0.000948	0.00200	0.2000	0.00517	92.3	75 - 125	0.198	4.20	20	
Arsenic	0.207	mg/L	SW6020A	0.000212	0.00200	0.2000	0.00404	102	75 - 125	0.208	0.508	20	
Barium	0.221	mg/L	SW6020A	0.000508	0.00200	0.2000	0.0364	92.2	75 - 125	0.227	2.88	20	
Beryllium	0.199	mg/L	SW6020A	0.0000238	0.00200	0.2000	0	99.5	75 - 125	0.206	3.67	20	
Cadmium	0.177	mg/L	SW6020A	0.000342	0.000500	0.2000	0	88.7	75 - 125	0.185	3.98	20	
Chromium	0.185	mg/L	SW6020A	0.000872	0.00200	0.2000	0	92.4	75 - 125	0.185	0.0589	20	
Cobalt	0.181	mg/L	SW6020A	0.0000832	0.00400	0.2000	0.00037	90.1	75 - 125	0.182	0.721	20	
Copper	0.180	mg/L	SW6020A	0.000432	0.00200	0.2000	0.000573	89.7	75 - 125	0.182	1.19	20	
Lead	0.179	mg/L	SW6020A	0.000428	0.00200	0.2000	0.00106	88.7	75 - 125	0.184	2.86	20	
Manganese	0.441	mg/L	SW6020A	0.00120	0.00200	0.2000	0.256	92.5	75 - 125	0.45	1.97	20	
Nickel	0.180	mg/L	SW6020A	0.00158	0.00200	0.2000	0	89.8	75 - 125	0.181	1.03	20	
Selenium	0.197	mg/L	SW6020A	0.000270	0.00200	0.2000	0.000784	97.9	75 - 125	0.2	1.99	20	
Silver	0.180	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	89.9	75 - 125	0.186	3.44	20	
Thallium	0.173	mg/L	SW6020A	0.0000434	0.00200	0.2000	0	86.7	75 - 125	0.178	2.70	20	
Lab Sample ID: 1411184-001AMSD													
Test Code:	6020-S	Date Analyzed:	12/03/2014 1619h	Date Prepared:	11/29/2014 1402h								
Antimony	36.0	mg/kg-dry	SW6020A	0.368	4.05	20.25	16.7	95.3	75 - 125	34	5.63	20	



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual	
Lab Sample ID: 1411184-001AMSD		Date Analyzed:	12/03/2014 1619h												
Test Code:	6020-S	Date Prepared:	11/29/2014 1402h												
Barium		278	mg/kg-dry	SW6020A	2.74	4.56	20.25	207	351	75 - 125	231	18.5	20	3	
Beryllium		20.5	mg/kg-dry	SW6020A	0.00602	2.03	20.25	0.977	96.5	75 - 125	19.2	6.47	20		
Cadmium		27.7	mg/kg-dry	SW6020A	0.0171	0.861	20.25	7.88	97.8	75 - 125	25.5	8.10	20		
Chromium		50.3	mg/kg-dry	SW6020A	2.46	10.1	20.25	29.4	103	75 - 125	47.6	5.59	20		
Cobalt		28.3	mg/kg-dry	SW6020A	0.154	1.37	20.25	9.16	94.6	75 - 125	25.8	9.21	20		
Copper		66.0	mg/kg-dry	SW6020A	1.55	15.7	20.25	48	88.6	75 - 125	62.2	5.95	20		
Nickel		37.8	mg/kg-dry	SW6020A	2.21	20.3	20.25	18.1	97.6	75 - 125	34.3	9.94	20		
Selenium		20.3	mg/kg-dry	SW6020A	0.552	8.61	20.25	0.574	97.3	75 - 125	19	6.81	20		
Silver		22.8	mg/kg-dry	SW6020A	0.0227	1.52	20.25	2.78	99.0	75 - 125	21.2	7.50	20		
Thallium		18.0	mg/kg-dry	SW6020A	0.00511	4.05	20.25	0.428	86.8	75 - 125	16.8	6.59	20		
Lab Sample ID: 1411184-001AMSD		Date Analyzed:	12/04/2014 1004h												
Test Code:	6020-S	Date Prepared:	11/29/2014 1402h												
Lead		555	mg/kg-dry	SW6020A	30.3	65.8	20.25	505	244	75 - 125	505	9.49	20	3	
Manganese		1,720	mg/kg-dry	SW6020A	6.78	40.5	20.25	1440	1,350	75 - 125	1310	26.7	20		
Lab Sample ID: 1411184-001AMSD		Date Analyzed:	12/04/2014 854h												
Test Code:	6020-S	Date Prepared:	11/29/2014 1402h												
Arsenic		49.2	mg/kg-dry	SW6020A	0.0820	2.53	20.25	25	119	75 - 125	41.4	17.2	20		
Lab Sample ID: 1411184-020AMSD		Date Analyzed:	11/26/2014 1618h												
Test Code:	6020-W	Date Prepared:	11/21/2014 1026h												
Antimony		0.214	mg/L	SW6020A	0.000948	0.00200	0.2000	0.00796	103	75 - 125	0.214	0.0199	20		
Arsenic		0.216	mg/L	SW6020A	0.000212	0.00200	0.2000	0.00885	104	75 - 125	0.215	0.367	20		
Barium		0.239	mg/L	SW6020A	0.000508	0.00200	0.2000	0.0433	97.8	75 - 125	0.241	0.746	20		
Beryllium		0.203	mg/L	SW6020A	0.0000238	0.00200	0.2000	0.0000853	101	75 - 125	0.203	0.0617	20		
Cadmium		0.199	mg/L	SW6020A	0.000342	0.000500	0.2000	0.00114	98.7	75 - 125	0.198	0.421	20		
Chromium		0.194	mg/L	SW6020A	0.000872	0.00200	0.2000	0	96.8	75 - 125	0.196	1.24	20		
Cobalt		0.194	mg/L	SW6020A	0.0000832	0.00400	0.2000	0.00049	96.8	75 - 125	0.196	0.780	20		
Copper		0.203	mg/L	SW6020A	0.000432	0.00200	0.2000	0.00605	98.4	75 - 125	0.203	0.280	20		

Report Date: 12/5/2014 Page 72 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: ME
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020AMSD		Date Analyzed:	11/26/2014 1618h										
Test Code: 6020-W		Date Prepared:	11/21/2014 1026h										
Lead	0.259	mg/L	SW6020A	0.000428	0.00200	0.2000	0.0617	98.7	75 - 125	0.26	0.277	20	
Manganese	0.523	mg/L	SW6020A	0.00120	0.00200	0.2000	0.335	93.8	75 - 125	0.529	1.16	20	
Nickel	0.193	mg/L	SW6020A	0.00158	0.00200	0.2000	0	96.3	75 - 125	0.194	0.587	20	
Selenium	0.202	mg/L	SW6020A	0.000270	0.00200	0.2000	0.000946	101	75 - 125	0.199	1.39	20	
Silver	0.201	mg/L	SW6020A	0.0000434	0.00200	0.2000	0.000385	100	75 - 125	0.2	0.220	20	
Thallium	0.190	mg/L	SW6020A	0.0000434	0.00200	0.2000	0.000208	94.8	75 - 125	0.191	0.431	20	
Lab Sample ID: 1411184-020BMSD		Date Analyzed:	11/26/2014 1011h										
Test Code: HG-DIS-7470A		Date Prepared:	11/21/2014 1515h										
Mercury	0.00371	mg/L	SW7470A	0.00000519	0.000150	0.003330	0.00000667	111	85 - 115	0.00366	1.45	20	
Lab Sample ID: 1411184-001AMSD		Date Analyzed:	12/03/2014 1414h										
Test Code: HG-S-7471B		Date Prepared:	12/01/2014 1830h										
Mercury	1.09	mg/kg-dry	SW7471B	0.00294	0.0391	0.3906	0.815	71.6	80 - 120	1.15	4.63	20	¹
Lab Sample ID: 1411184-020AMSD		Date Analyzed:	11/18/2014 1206h										
Test Code: HG-W-7470A		Date Prepared:	11/17/2014 1425h										
Mercury	0.00354	mg/L	SW7470A	0.00000519	0.000150	0.003330	0	106	80 - 120	0	0	20	

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

³ - Matrix spike recoveries and/or high RPDs indicate suspected sample non-homogeneity. The method is in control as indicated by the LCS.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: DUP

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020DDUP Date Analyzed: 11/14/2014 1400h													
Test Code: TDS-W-2540C													
Total Dissolved Solids	652	mg/L	SM2540C	12.3	20.0					640	1.86	5	
Lab Sample ID: 1411184-020DDUP Date Analyzed: 11/13/2014 1520h													
Test Code: TSS-W-2540D													
Total Suspended Solids	5.60	mg/L	SM2540D	2.83	3.00					5.6	0	5	



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R73056													
Test Code: 300.0-W		Date Analyzed:	11/14/2014 1441h										
Chloride	5.31	mg/L	E300.0	0.00751	0.100	5.000	0	106	90 - 110				
Sulfate	5.11	mg/L	E300.0	0.0211	0.750	5.000	0	102	90 - 110				
Lab Sample ID: LCS-R72942													
Test Code: ALK-W-2320B		Date Analyzed:	11/13/2014 730h										
Alkalinity (as CaCO ₃)	48,200	mg/L	SM2320B	1.86	10.0	50,000	0	96.3	90 - 110				
Lab Sample ID: LCS-R73035													
Test Code: NO3-W-353.2		Date Analyzed:	11/13/2014 1549h										
Nitrate (as N)	1.07	mg/L	E353.2	0.00690	0.0100	1.000	0	107	90 - 110				
Lab Sample ID: LCS-R73036													
Test Code: NO3-W-353.2		Date Analyzed:	11/13/2014 1432h										
Nitrate (as N)	1.05	mg/L	E353.2	0.00690	0.0100	1.000	0	105	90 - 110				
Lab Sample ID: LCS-34249													
Test Code: PO4-S-4500PF		Date Analyzed:	11/26/2014 1255h										
		Date Prepared:	11/13/2014 1032h										
Phosphate, Total (as P)	52.5	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	105	90 - 110				
Lab Sample ID: LCS-34426													
Test Code: PO4-S-4500PF		Date Analyzed:	12/01/2014 1215h										
		Date Prepared:	11/21/2014 938h										
Phosphate, Total (as P)	53.6	mg/kg	SM4500-P-F	1.06	5.00	50.00	0	107	90 - 110				
Lab Sample ID: LCS-34245													
Test Code: PO4-W-4500PF		Date Analyzed:	11/14/2014 1115h										
		Date Prepared:	11/13/2014 910h										
Phosphate, Total (as P)	1.04	mg/L	SM4500-P-F	0.0212	0.0500	1.000	0	104	90 - 110				
Lab Sample ID: LCS-R73091													
Test Code: TDS-W-2540C		Date Analyzed:	11/14/2014 1400h										
Total Dissolved Solids	196	mg/L	SM2540C	6.13	10.0	205.0	0	95.6	80 - 120				



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411184

Project: Richardson Flat OU3

Contact: Kerry Gee

Dept: WC

QC Type: LCS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: LCS-R73003	Date Analyzed:	11/13/2014	1520h										
Test Code:	TSS-W-2540D												
Total Suspended Solids	102	mg/L	SM2540D	2.83	3.00	100.0	0	102	80 - 120				



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: MBLK

Analyte		Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID:	MB-R73056	Date Analyzed:	11/14/2014 1424h											
Test Code:	300.0-W													
Chloride		< 0.100	mg/L	E300.0	0.00751	0.100								
Sulfate		< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID:	MB-SPLP-34272	Date Analyzed:	11/14/2014 2323h											
Test Code:	300.0-W													
Chloride		< 0.100	mg/L	E300.0	0.00751	0.100								
Sulfate		< 0.750	mg/L	E300.0	0.0211	0.750								
Lab Sample ID:	MB-R72942	Date Analyzed:	11/13/2014 730h											
Test Code:	ALK-W-2320B													
Alkalinity (as CaCO3)		< 10.0	mg/L	SM2320B	1.86	10.0								
Lab Sample ID:	MB-R73035	Date Analyzed:	11/13/2014 1546h											
Test Code:	NO3-W-353.2													
Nitrate (as N)		< 0.0100	mg/L	E353.2	0.00690	0.0100								
Lab Sample ID:	MB-R73036	Date Analyzed:	11/13/2014 1429h											
Test Code:	NO3-W-353.2													
Nitrate (as N)		< 0.0100	mg/L	E353.2	0.00690	0.0100								
Lab Sample ID:	MB-34249	Date Analyzed:	11/26/2014 1255h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/13/2014 1032h											
Phosphate, Total (as P)		< 5.00	mg/kg	SM4500-P-F	1.06	5.00								
Lab Sample ID:	MB-34426	Date Analyzed:	12/01/2014 1215h											
Test Code:	PO4-S-4500PF	Date Prepared:	11/21/2014 938h											
Phosphate, Total (as P)		< 5.00	mg/kg	SM4500-P-F	1.06	5.00								
Lab Sample ID:	MB-34245	Date Analyzed:	11/14/2014 1115h											
Test Code:	PO4-W-4500PF	Date Prepared:	11/13/2014 910h											
Phosphate, Total (as P)		< 0.0500	mg/L	SM4500-P-F	0.0212	0.0500								

Report Date: 12/5/2014 Page 77 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: MBLK

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: MB-R73091	Date Analyzed:	11/14/2014	1400h										
Test Code:	TDS-W-2540C												
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								
Lab Sample ID: MB-SPLP-34272	Date Analyzed:	11/14/2014	1400h										
Test Code:	TDS-W-2540C												
Total Dissolved Solids	< 10.0	mg/L	SM2540C	6.13	10.0								
Lab Sample ID: MB-R73003	Date Analyzed:	11/13/2014	1520h										
Test Code:	TSS-W-2540D												
Total Suspended Solids	< 3.00	mg/L	SM2540D	2.83	3.00								



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020EMS Date Analyzed: 11/14/2014 1729h													
Test Code: 300.0-W													
Chloride	665	mg/L	E300.0	0.751	10.0	500.0	133	106	90 - 110				
Sulfate	732	mg/L	E300.0	2.11	75.0	500.0	193	108	90 - 110				1
Lab Sample ID: 1411184-020EMS Date Analyzed: 11/13/2014 730h													
Test Code: ALK-W-2320B													
Alkalinity (as CaCO ₃)	241	mg/L	SM2320B	1.86	10.0	100.0	145	96.3	80 - 120				
Lab Sample ID: 1411184-023EMS Date Analyzed: 11/13/2014 1554h													
Test Code: NO3-W-353.2													
Nitrate (as N)	1.31	mg/L	E353.2	0.00690	0.0100	1.000	0.251	106	90 - 110				
Lab Sample ID: 1411184-020EMS Date Analyzed: 11/13/2014 1437h													
Test Code: NO3-W-353.2													
Nitrate (as N)	1.21	mg/L	E353.2	0.00690	0.0100	1.000	0.018	120	90 - 110				1
Lab Sample ID: 1411141-002AMS Date Analyzed: 11/26/2014 1257h													
Test Code: PO4-S-4500PF Date Prepared: 11/13/2014 1032h													
Phosphate, Total (as P)	6,100	mg/kg-dry	SM4500-P-F	64.1	303	60.50	4870	2,030	80 - 120				2
Lab Sample ID: 1411184-002AMS Date Analyzed: 11/26/2014 1310h													
Test Code: PO4-S-4500PF Date Prepared: 11/13/2014 1032h													
Phosphate, Total (as P)	1,610	mg/kg-dry	SM4500-P-F	59.5	281	56.12	1010	1,060	80 - 120				2
Lab Sample ID: 1411184-001AMS Date Analyzed: 12/01/2014 1217h													
Test Code: PO4-S-4500PF Date Prepared: 11/21/2014 938h													
Phosphate, Total (as P)	1,070	mg/kg-dry	SM4500-P-F	53.8	254	50.78	1010	107	80 - 120				
Lab Sample ID: 1411184-020CMS Date Analyzed: 11/14/2014 1117h													
Test Code: PO4-W-4500PF Date Prepared: 11/13/2014 910h													
Phosphate, Total (as P)	1.04	mg/L	SM4500-P-F	0.0212	0.0500	1.000	0.0615	97.4	90 - 110				



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411184

Project: Richardson Flat OU3

Contact: Kerry Gee

Dept: WC

QC Type: MS

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
---------	--------	-------	--------	-----	-----------------	---------------	-------------------	------	--------	--------------	-------	-----------	------

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.



3440 South 700 West
Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687
e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.
Lab Set ID: 1411184
Project: Richardson Flat OU3

Contact: Kerry Gee
Dept: WC
QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
Lab Sample ID: 1411184-020EMSD Date Analyzed: 11/14/2014 1746h Test Code: 300.0-W													
Chloride	630	mg/L	E300.0	0.751	10.0	500.0	133	99.4	90 - 110	665	5.46	20	
Sulfate	753	mg/L	E300.0	2.11	75.0	500.0	193	112	90 - 110	732	2.84	20	¹
Lab Sample ID: 1411184-020EMSD Date Analyzed: 11/13/2014 730h Test Code: ALK-W-2320B													
Alkalinity (as CaCO ₃)	239	mg/L	SM2320B	1.86	10.0	100.0	145	94.6	80 - 120	241	0.708	10	
Lab Sample ID: 1411184-023EMSD Date Analyzed: 11/13/2014 1556h Test Code: NO3-W-353.2													
Nitrate (as N)	1.25	mg/L	E353.2	0.00690	0.0100	1.000	0.251	100	90 - 110	1.31	4.53	10	
Lab Sample ID: 1411184-020EMSD Date Analyzed: 11/13/2014 1438h Test Code: NO3-W-353.2													
Nitrate (as N)	1.20	mg/L	E353.2	0.00690	0.0100	1.000	0.018	118	90 - 110	1.21	1.24	10	¹
Lab Sample ID: 1411184-002AMSD Date Analyzed: 11/26/2014 1310h Test Code: PO4-S-4500PF Date Prepared: 11/13/2014 1032h													
Phosphate, Total (as P)	1,200	mg/kg-dry	SM4500-P-F	59.5	281	56.12	1010	342	80 - 120	1610	28.8	20	²
Lab Sample ID: 1411141-002AMSD Date Analyzed: 11/26/2014 1323h Test Code: PO4-S-4500PF Date Prepared: 11/13/2014 1032h													
Phosphate, Total (as P)	5,420	mg/kg-dry	SM4500-P-F	64.1	303	60.50	4870	906	80 - 120	6100	11.8	20	²
Lab Sample ID: 1411184-001AMSD Date Analyzed: 12/01/2014 1217h Test Code: PO4-S-4500PF Date Prepared: 11/21/2014 938h													
Phosphate, Total (as P)	1,140	mg/kg-dry	SM4500-P-F	53.8	254	50.78	1010	253	80 - 120	1070	6.73	20	²
Lab Sample ID: 1411184-020CMSD Date Analyzed: 11/14/2014 1117h Test Code: PO4-W-4500PF Date Prepared: 11/13/2014 910h													
Phosphate, Total (as P)	1.03	mg/L	SM4500-P-F	0.0212	0.0500	1.000	0.0615	97.2	90 - 110	1.04	0.193	10	

Report Date: 12/5/2014 Page 81 of 82

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. Confidential Business Information: This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



3440 South 700 West

Salt Lake City, UT 84119

Phone: (801) 263-8686, Toll Free: (888) 263-8686, Fax: (801) 263-8687

e-mail: awal@awal-labs.com, web: www.awal-labs.com

Kyle F. Gross

Laboratory Director

Jose Rocha

QA Officer

QC SUMMARY REPORT

Client: United Park City Mines Co.

Lab Set ID: 1411184

Project: Richardson Flat OU3

Contact: Kerry Gee

Dept: WC

QC Type: MSD

Analyte	Result	Units	Method	MDL	Reporting Limit	Amount Spiked	Spike Ref. Amount	%REC	Limits	RPD Ref. Amt	% RPD	RPD Limit	Qual
---------	--------	-------	--------	-----	-----------------	---------------	-------------------	------	--------	--------------	-------	-----------	------

¹ - Matrix spike recovery indicates matrix interference. The method is in control as indicated by the LCS.

² - Analyte concentration is too high for accurate matrix spike recovery and/or RPD.

The client sample ID on 1411184-021 was updated. MC

WORK ORDER Summary

Work Order: **1411184** Page 1 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Client ID: UN1100

Contact: Kerry Gee

Project: Richardson Flat OU3

QC Level: II+

WO Type: Standard

Comments: QC 2+. Email copy of report to Dan Dean / All samples ending in "0" need to be sieved, before pmoist or digestion. Use a 2mm (#10 sieve). See Pat for special instructions. Include EDD;

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-001A	OU3-0-SO-MRU-6D-0	11/12/2014 0900h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-002A	OU3-0-SO-MRU-6D-0.501	11/12/2014 0900h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-003A	OU3-0-SO-MRU-6D-0303.5	11/12/2014 0900h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	

WORK ORDER Summary

Work Order: **1411184** Page 2 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage		
1411184-003A	OU3-0-SO-MRU-6D-0303.5	11/12/2014 0900h	11/12/2014 1603h	PMOIST	Soil	<input type="checkbox"/>	df - metals	3	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals		
				PO4-S-PR		<input type="checkbox"/>	df - metals		
1411184-004A	OU3-0-SO-MRU-5D-0	11/12/2014 1000h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3	
				6010C-S		<input checked="" type="checkbox"/>	df - metals		
				8 SEL Analytes: AL CA FE MG K NA V ZN					
				6020-S		<input checked="" type="checkbox"/>	df - metals		
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL					
				HG-S-7471B		<input type="checkbox"/>	df - metals		
				HG-S-PR-B		<input type="checkbox"/>	df - metals		
				PMOIST		<input type="checkbox"/>	df - metals		
				PO4-S-4500PF		<input type="checkbox"/>	df - metals		
PO4-S-PR	<input type="checkbox"/>	df - metals							
1411184-005A	OU3-0-SO-MRU-5D-0.501	11/12/2014 1000h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3	
				6010C-S		<input checked="" type="checkbox"/>	df - metals		
				8 SEL Analytes: AL CA FE MG K NA V ZN					
				6020-S		<input checked="" type="checkbox"/>	df - metals		
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL					
				HG-S-7471B		<input type="checkbox"/>	df - metals		
				HG-S-PR-B		<input type="checkbox"/>	df - metals		
				PMOIST		<input type="checkbox"/>	df - metals		
				PO4-S-4500PF		<input type="checkbox"/>	df - metals		
PO4-S-PR	<input type="checkbox"/>	df - metals							
1411184-006A	OU3-0-SO-MRU-4D-0	11/12/2014 1030h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3	
				6010C-S		<input checked="" type="checkbox"/>	df - metals		
				8 SEL Analytes: AL CA FE MG K NA V ZN					
				6020-S		<input checked="" type="checkbox"/>	df - metals		
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL					
				HG-S-7471B		<input type="checkbox"/>	df - metals		
				HG-S-PR-B		<input type="checkbox"/>	df - metals		
				PMOIST		<input type="checkbox"/>	df - metals		
				PO4-S-4500PF		<input type="checkbox"/>	df - metals		
PO4-S-PR	<input type="checkbox"/>	df - metals							
1411184-007A	OU3-0-SO-MRU-4D-0.501	11/12/2014 1030h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3	

WORK ORDER Summary

Work Order: **1411184** Page 3 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-007A	OU3-0-SO-MRU-4D-0.501	11/12/2014 1030h	11/12/2014 1603h	6010C-S	Soil	<input checked="" type="checkbox"/>	df - metals	3
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-008A	OU3-9-SO-MRU-4D-0	11/12/2014 1030h	11/12/2014 1603h	PO4-S-4500PF		<input type="checkbox"/>	df - metals	
				PO4-S-PR		<input type="checkbox"/>	df - metals	
				3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
1411184-009A	OU3-9-SO-MRU-4D-1.502	11/12/2014 1030h	11/12/2014 1603h	HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals	
				PO4-S-PR		<input type="checkbox"/>	df - metals	
				3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
1411184-010A	OU3-0-SO-MRU-1D-0	11/12/2014 1130h	11/12/2014 1603h	8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals	
1411184-010A	OU3-0-SO-MRU-1D-0	11/12/2014 1130h	11/12/2014 1603h	PO4-S-PR		<input type="checkbox"/>	df - metals	
				3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
1411184-010A	OU3-0-SO-MRU-1D-0	11/12/2014 1130h	11/12/2014 1603h	6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	

WORK ORDER Summary

Work Order: **1411184** Page 4 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-010A	OU3-0-SO-MRU-1D-0	11/12/2014 1130h	11/12/2014 1603h	HG-S-PR-B	Soil	<input type="checkbox"/>	df - metals	3
				PMOIST		<input type="checkbox"/>	df - metals	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals	
				PO4-S-PR		<input type="checkbox"/>	df - metals	
1411184-011A	OU3-0-SO-MRU-1D-0.501	11/12/2014 1130h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-012A	OU3-0-SO-MRU-2D-0	11/12/2014 1210h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-013A	OU3-0-SO-MRU-2D-0.501	11/12/2014 1210h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-014A	OU3-0-SO-MRU-3D-0	11/12/2014 1235h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals	
				PO4-S-PR		<input type="checkbox"/>	df - metals	

WORK ORDER Summary

Work Order: **1411184** Page 5 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-014A	OU3-0-SO-MRU-3D-0	11/12/2014 1235h	11/12/2014 1603h	6010C-S	Soil	<input checked="" type="checkbox"/>	df - metals	3
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
1411184-015A	OU3-0-SO-MRU-3D-0.501	11/12/2014 1235h	11/12/2014 1603h	PO4-S-4500PF		<input type="checkbox"/>	df - metals	
				PO4-S-PR		<input type="checkbox"/>	df - metals	
				3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
1411184-016A	OU3-0-SD-SCRFR	11/12/2014 1033h	11/12/2014 1603h	HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals	
				PO4-S-PR		<input type="checkbox"/>	df - metals	
				3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
1411184-017A	OU3-0-SD-SCURTFB	11/12/2014 1150h	11/12/2014 1603h	8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	
				HG-S-PR-B		<input type="checkbox"/>	df - metals	
				PMOIST		<input type="checkbox"/>	df - metals	
				PO4-S-4500PF		<input type="checkbox"/>	df - metals	
1411184-017A	OU3-0-SD-SCURTFB	11/12/2014 1150h	11/12/2014 1603h	PO4-S-PR		<input type="checkbox"/>	df - metals	
				3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3
				6010C-S		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
1411184-017A	OU3-0-SD-SCURTFB	11/12/2014 1150h	11/12/2014 1603h	6020-S		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-S-7471B		<input type="checkbox"/>	df - metals	

WORK ORDER Summary

Work Order: **1411184** Page 6 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage		
1411184-017A	OU3-0-SD-SCURTFB	11/12/2014 1150h	11/12/2014 1603h	HG-S-PR-B	Soil	<input type="checkbox"/>	df - metals	3	
				PMOIST		<input type="checkbox"/>	df - metals		
				PO4-S-4500PF		<input type="checkbox"/>	df - metals		
				PO4-S-PR		<input type="checkbox"/>	df - metals		
1411184-018A	OU3-0-SD-MRUBP	11/12/2014 1300h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3	
				6010C-S		<input checked="" type="checkbox"/>	df - metals		
				8 SEL Analytes: AL CA FE MG K NA V ZN					
				6020-S		<input checked="" type="checkbox"/>	df - metals		
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL					
				HG-S-7471B		<input type="checkbox"/>	df - metals		
				HG-S-PR-B		<input type="checkbox"/>	df - metals		
				PMOIST		<input type="checkbox"/>	df - metals		
1411184-019A	OU3-9-SD-SCURTFB	11/12/2014 1155h	11/12/2014 1603h	3051A-ICPMS-PR	Soil	<input type="checkbox"/>	df - metals	3	
				6010C-S		<input checked="" type="checkbox"/>	df - metals		
				8 SEL Analytes: AL CA FE MG K NA V ZN					
				6020-S		<input checked="" type="checkbox"/>	df - metals		
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL					
				HG-S-7471B		<input type="checkbox"/>	df - metals		
				HG-S-PR-B		<input type="checkbox"/>	df - metals		
				PMOIST		<input type="checkbox"/>	df - metals		
1411184-020A	OU3-0-SW-SCRFR	11/12/2014 0954h	11/12/2014 1603h	3005A-ICPMS-PR	Aqueous	<input type="checkbox"/>	df - metals	1	
				6010C-W		<input checked="" type="checkbox"/>	df - metals		
				8 SEL Analytes: AL CA FE MG K NA V ZN					
				6020-W		<input checked="" type="checkbox"/>	df - metals		
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL					
				HARD-2340B		<input type="checkbox"/>	df - metals		
				HG-W-7470A		<input type="checkbox"/>	df - metals		
				HG-W-PR		<input type="checkbox"/>	df - metals		
1411184-020B				3005A-DIS-PR		<input type="checkbox"/>	df - dis metals		
				6010C-DIS	<input checked="" type="checkbox"/>	df - dis metals			
				8 SEL Analytes: AL CA FE MG K NA V ZN					

WORK ORDER Summary

Work Order: **1411184** Page 7 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-020B	OU3-0-SW-SCRFR	11/12/2014 0954h	11/12/2014 1603h	6020-DIS <i>14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL</i>	Aqueous	<input checked="" type="checkbox"/>	df - dis metals	1
				HG-DIS-7470A		<input type="checkbox"/>	df - dis metals	
				HG-DIS-PR		<input type="checkbox"/>	df - dis metals	
1411184-020C				PO4-W-4500PF		<input type="checkbox"/>	df - po4	
				PO4-W-PR		<input type="checkbox"/>	df - po4	
1411184-020D				TDS-W-2540C		<input type="checkbox"/>	df - tss / tds	
				TSS-W-2540D		<input type="checkbox"/>	df - tss / tds	
1411184-020E				300.0-W <i>2 SEL Analytes: CL SO4</i>		<input checked="" type="checkbox"/>	df - wc	
				ALK-W-2320B <i>1 SEL Analytes: ALK</i>		<input checked="" type="checkbox"/>	df - wc	
				NO3-W-353.2		<input type="checkbox"/>	df - wc	
1411184-021A	OU3-0-SW-SCURTFB	11/12/2014 1120h	11/12/2014 1603h	3005A-ICPMS-PR	Aqueous	<input type="checkbox"/>	df - metals	1
				6010C-W <i>8 SEL Analytes: AL CA FE MG K NA V ZN</i>		<input checked="" type="checkbox"/>	df - metals	
				6020-W <i>14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL</i>		<input checked="" type="checkbox"/>	df - metals	
				HARD-2340B		<input type="checkbox"/>	df - metals	
				HG-W-7470A		<input type="checkbox"/>	df - metals	
				HG-W-PR		<input type="checkbox"/>	df - metals	
1411184-021B				3005A-DIS-PR		<input type="checkbox"/>	df - dis metals	
				6010C-DIS <i>8 SEL Analytes: AL CA FE MG K NA V ZN</i>		<input checked="" type="checkbox"/>	df - dis metals	
				6020-DIS <i>14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL</i>		<input checked="" type="checkbox"/>	df - dis metals	
				HG-DIS-7470A		<input type="checkbox"/>	df - dis metals	
				HG-DIS-PR		<input type="checkbox"/>	df - dis metals	
1411184-021C				PO4-W-4500PF		<input type="checkbox"/>	df - po4	
				PO4-W-PR		<input type="checkbox"/>	df - po4	
1411184-021D				TDS-W-2540C		<input type="checkbox"/>	df - tss / tds	
				TSS-W-2540D		<input type="checkbox"/>	df - tss / tds	
1411184-021E				300.0-W <i>2 SEL Analytes: CL SO4</i>		<input checked="" type="checkbox"/>	df - wc	
				ALK-W-2320B <i>1 SEL Analytes: ALK</i>		<input checked="" type="checkbox"/>	df - wc	

WORK ORDER Summary

Work Order: **1411184** Page 8 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-021E	OU3-0-SW-SCURTFB	11/12/2014 1120h	11/12/2014 1603h	NO3-W-353.2	Aqueous	<input type="checkbox"/>	df - wc	1
1411184-022A	OU3-0-SW-MRUBP	11/12/2014 1245h	11/12/2014 1603h	3005A-ICPMS-PR	Aqueous	<input type="checkbox"/>	df - metals	1
				6010C-W		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-W		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HARD-2340B		<input type="checkbox"/>	df - metals	
				HG-W-7470A		<input type="checkbox"/>	df - metals	
				HG-W-PR		<input type="checkbox"/>	df - metals	
1411184-022B				3005A-DIS-PR		<input type="checkbox"/>	df - dis metals	
				6010C-DIS		<input checked="" type="checkbox"/>	df - dis metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-DIS		<input checked="" type="checkbox"/>	df - dis metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HG-DIS-7470A		<input type="checkbox"/>	df - dis metals	
				HG-DIS-PR		<input type="checkbox"/>	df - dis metals	
1411184-022C				PO4-W-4500PF		<input type="checkbox"/>	df - po4	
				PO4-W-PR		<input type="checkbox"/>	df - po4	
1411184-022D				TDS-W-2540C		<input type="checkbox"/>	df - tss / tds	
				TSS-W-2540D		<input type="checkbox"/>	df - tss / tds	
1411184-022E				300.0-W		<input checked="" type="checkbox"/>	df - wc	
				2 SEL Analytes: CL SO4				
				ALK-W-2320B		<input checked="" type="checkbox"/>	df - wc	
				1 SEL Analytes: ALK				
				NO3-W-353.2		<input type="checkbox"/>	df - wc	
1411184-023A	OU3-0-SW-SCBOU4	11/12/2014 1342h	11/12/2014 1603h	3005A-ICPMS-PR	Aqueous	<input type="checkbox"/>	df - metals	1
				6010C-W		<input checked="" type="checkbox"/>	df - metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				
				6020-W		<input checked="" type="checkbox"/>	df - metals	
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL				
				HARD-2340B		<input type="checkbox"/>	df - metals	
				HG-W-7470A		<input type="checkbox"/>	df - metals	
				HG-W-PR		<input type="checkbox"/>	df - metals	
1411184-023B				3005A-DIS-PR		<input type="checkbox"/>	df - dis metals	
				6010C-DIS		<input checked="" type="checkbox"/>	df - dis metals	
				8 SEL Analytes: AL CA FE MG K NA V ZN				

WORK ORDER Summary

Work Order: **1411184** Page 9 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage	
1411184-023B	OU3-0-SW-SCBOU4	11/12/2014 1342h	11/12/2014 1603h	6020-DIS <i>14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL</i>	Aqueous	<input checked="" type="checkbox"/>	df - dis metals	1
				HG-DIS-7470A		<input type="checkbox"/>	df - dis metals	
				HG-DIS-PR		<input type="checkbox"/>	df - dis metals	
1411184-023C				PO4-W-4500PF		<input type="checkbox"/>	df - po4	
				PO4-W-PR		<input type="checkbox"/>	df - po4	
1411184-023D				TDS-W-2540C		<input type="checkbox"/>	df - tss / tds	
				TSS-W-2540D		<input type="checkbox"/>	df - tss / tds	
1411184-023E				300.0-W <i>2 SEL Analytes: CL SO4</i>		<input checked="" type="checkbox"/>	df - wc	
				ALK-W-2320B <i>1 SEL Analytes: ALK</i>		<input checked="" type="checkbox"/>	df - wc	
				NO3-W-353.2		<input type="checkbox"/>	df - wc	
1411184-024A	OU3-0-SW-SCAOU4	11/12/2014 1424h	11/12/2014 1603h	3005A-ICPMS-PR	Aqueous	<input type="checkbox"/>	df - metals	1
				6010C-W <i>8 SEL Analytes: AL CA FE MG K NA V ZN</i>		<input checked="" type="checkbox"/>	df - metals	
				6020-W <i>14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL</i>		<input checked="" type="checkbox"/>	df - metals	
				HARD-2340B		<input type="checkbox"/>	df - metals	
				HG-W-7470A		<input type="checkbox"/>	df - metals	
				HG-W-PR		<input type="checkbox"/>	df - metals	
1411184-024B				3005A-DIS-PR		<input type="checkbox"/>	df - dis metals	
				6010C-DIS <i>8 SEL Analytes: AL CA FE MG K NA V ZN</i>		<input checked="" type="checkbox"/>	df - dis metals	
				6020-DIS <i>14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL</i>		<input checked="" type="checkbox"/>	df - dis metals	
				HG-DIS-7470A		<input type="checkbox"/>	df - dis metals	
				HG-DIS-PR		<input type="checkbox"/>	df - dis metals	
1411184-024C				PO4-W-4500PF		<input type="checkbox"/>	df - po4	
				PO4-W-PR		<input type="checkbox"/>	df - po4	
1411184-024D				TDS-W-2540C		<input type="checkbox"/>	df - tss / tds	
				TSS-W-2540D		<input type="checkbox"/>	df - tss / tds	
1411184-024E				300.0-W <i>2 SEL Analytes: CL SO4</i>		<input checked="" type="checkbox"/>	df - wc	
				ALK-W-2320B <i>1 SEL Analytes: ALK</i>		<input checked="" type="checkbox"/>	df - wc	

WORK ORDER Summary

Work Order: **1411184** Page 10 of 10

Client: United Park City Mines Co.

Due Date: 12/5/2014

Sample ID	Client Sample ID	Collected Date	Received Date	Test Code	Matrix	Sel	Storage
1411184-024E	OU3-0-SW-SCAOU4	11/12/2014 1424h	11/12/2014 1603h	NO3-W-353.2	Aqueous	<input type="checkbox"/>	df - wc 1
1411184-025A	OU3-9-SW-SCURTFB	11/12/2014 1125h	11/12/2014 1603h	3005A-ICPMS-PR	Aqueous	<input type="checkbox"/>	df - metals 1
				6010C-W		<input checked="" type="checkbox"/>	df - metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-W		<input checked="" type="checkbox"/>	df - metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HARD-2340B		<input type="checkbox"/>	df - metals
				HG-W-7470A		<input type="checkbox"/>	df - metals
				HG-W-PR		<input type="checkbox"/>	df - metals
1411184-025B				3005A-DIS-PR		<input type="checkbox"/>	df - dis metals
				6010C-DIS		<input checked="" type="checkbox"/>	df - dis metals
				8 SEL Analytes: AL CA FE MG K NA V ZN			
				6020-DIS		<input checked="" type="checkbox"/>	df - dis metals
				14 SEL Analytes: SB AS BA BE CD CR CO CU PB MN NI SE AG TL			
				HG-DIS-7470A		<input type="checkbox"/>	df - dis metals
				HG-DIS-PR		<input type="checkbox"/>	df - dis metals
1411184-025C				PO4-W-4500PF		<input type="checkbox"/>	df - po4
				PO4-W-PR		<input type="checkbox"/>	df - po4
1411184-025D				TDS-W-2540C		<input type="checkbox"/>	df - tss / tds
				TSS-W-2540D		<input type="checkbox"/>	df - tss / tds
1411184-025E				300.0-W		<input checked="" type="checkbox"/>	df - wc
				2 SEL Analytes: CL SO4			
				ALK-W-2320B		<input checked="" type="checkbox"/>	df - wc
				1 SEL Analytes: ALK			
				NO3-W-353.2		<input type="checkbox"/>	df - wc

RMC

Laboratory Services Request Form

1411184

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				American West	
Client Address: PO BOX 1450 PARK CITY, UT 84060				Analytical Laboratories	
Client Phone: 435-608-0954				463 W. 3600 South	
Client Fax: 435-615-1239				Salt Lake City, UT 84115	
II. ACCOUNT INFORMATION					
Account Name:				Patrick Noteboom	
Sample Questions- Dan Dean RMC- 801-255-2626				Phone # (801) 750-2585	
TAT: 15 day				Fax (801)-263-8687	
P.O. No: Richardson Flat 003					
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND DAN DEAN - RMC FAX-255-3266				INCLUDE EDD	
Report Address: PO BOX 1450 PARK CITY UT 84060 AND DAN DEAN, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex () Fax () Email dan@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
* 043-0-SO-MRU-6D-0		11/12/14 0900	3	See attachment for	
043-0-SO-MRU-6D-0.501		" "	"	Metals Analysis	
043-0-SO-MRU-6D-0.303.5		" "	"		
* 043-0-SO-MRU-5D-0		11/12/14 1000	"		
043-0-SO-MRU-5D-0.501		" "	"		
* 043-0-SO-MRU-4D-0		11/12/14 1030	"		
043-0-SO-MRU-4D-0.501		" "	"		
* 043-9-SO-MRU-4D-0		" "	"		
043-0-SO-MRU-4D-1.502		" "	"		
* 043-0-SO-MRU-1D-0		11/12/14 11:30	"		
notes: For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:		Date	Time	Courier Co. Name	
Relinquished by: Maggi Trimble		Date 11/12/14	Time 1603	Airbill #	
Received by: [Signature]		Date 11/12/14	Time 1603	Custody Seal Intact?	
Received for lab by:		Date	Time	Yes No	

* = Please Sieve w/ 2mm.
(any ending in '0' or *)

RMC

Laboratory Services Request Form

1411/184

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				American West	
Client Address: PO BOX 1450 PARK CITY, UT 84060				Analytical Laboratories	
Client Phone: 435-608-0954				463 W. 3600 South	
Client Fax: 435-615-1239				Salt Lake City, UT	
				84115	
II. ACCOUNT INFORMATION					
Account Name:				Patrick Noteboom	
Sample Questions- Dan Dean RMC- 801-255-2626				Phone # (801) 750-2585	
				Fax (801)-263-8687	
TAT: 15 day				P.O. No: Richardson Flat 003	
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND DAN DEAN - RMC FAX-255-3266				INCLUDE EDD	
Report Address: PO BOX 1450 PARK CITY UT 84060 AND DAN DEAN, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex () Fax () Email dan@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
	003-0-50-MRU-1D-0.501	11/12/14 1130	3	See attachment for metal analysis.	
*	003-0-50-MRU-2D-0	" 1210	"		
	003-0-50-MRU-2D-0.501	" "	"		
*	003-0-50-MRU-3D-0	" 1235	"		
	003-0-50-MRU-3D-0.501	" "	"		
notes: For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:		Date	Time	Courier Co. Name	
Relinquished by: Maggi Trimble		Date 11/12/14	Time 1603	Airbill #	
Received by: [Signature]		Date 11/12/14	Time 1603	Custody Seal Intact?	
Received for lab by:		Date	Time	Yes No	

*= Please sieve w/ 2mm
(any ending in '0' or '*')

RMC

Laboratory Services Request Form

1411184

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: <u>UNITED PARK CITY MINES</u>				American West	
Client Address: <u>PO BOX 1450 PARK CITY, UT 84060</u>				Analytical Laboratories	
Client Phone: <u>435-608-0954</u>				463 W. 3600 South	
Client Fax: <u>435-615-1239</u>				Salt Lake City, UT	
				84115	
II. ACCOUNT INFORMATION					
Account Name: _____				Patrick Noteboom	
Sample Questions- <u>Dan Dean</u> <u>RMC- 801-255-2626</u>				Phone # (801) 750-2585	
TAT: <u>15- day</u>				Fax (801)-263-8687	
P.O. No: <u>Richardson Flat 003</u>					
III. REPORT INSTRUCTIONS					
Report Results To: <u>KERRY GEE- UPCM AND DAN DEAN - RMC FAX-255-3266</u>				INCLUDE EDD	
Report Address: <u>PO BOX 1450 PARK CITY UT 84060 AND DAN DEAN, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047</u>					
Please Forward Results By: <u>US Mail (X)</u> <u>Fed Ex ()</u> <u>Fax ()</u> <u>Email dan@rmc-ut.com</u>					
Services Requested below are required no later than _____ (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
16	003-0-SD-SCURFR	11/14/14 1033	3	TAL Metals, Phosphorus	
17	003-0-SD-SCURTFB	↓ 1150	↓	(see attached list)	
18	003-0-SD-MRUBP	↓ 1300	↓	↓	
19	003-9-SD-SCURTFB	↓ 1155	↓	↓	
20					
notes: For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.					
V. CHAIN OF CUSTODY RECORD					
Dispatched by: _____		Date _____	Time _____	Courier Co. Name _____	
Relinquished by: <u>Maggi Trimble</u>		Date <u>11/12/14</u>	Time <u>1603</u>	Airbill # _____	
Received by: <u>Selin Hy</u>		Date <u>11/12/14</u>	Time <u>1603</u>	Custody Seal Intact?	
Received for lab by: _____		Date _____	Time _____	Yes _____ No _____	

SOIL / sediment	Metals (Laboratory):	SW846 6020A	Glass Jar	4 oz.	0 - 6°C	None	180
	- Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	✓ Calcium						
	Chromium						
	Cobalt						
	Copper						
	- Iron						
	Lead						
	✓ Magnesium						
	Manganese						
	Nickel						
	✓ Potassium						
	Selenium						
	Silver						
	- Sodium						
	Thallium						
	• Vanadium						
	✓ Zinc						
	Mercury	SW846 7471B					28
	Phosphorus	SW846 6010B					180

RMC

Laboratory Services Request Form

1411184

I. CLIENT INFORMATION				SEND REQUESTS TO:	
Client Name: UNITED PARK CITY MINES				American West	
Client Address: PO BOX 1450 PARK CITY, UT 84060				Analytical Laboratories	
Client Phone: 435-608-0954				463 W. 3600 South	
Client Fax: 435-615-1239				Salt Lake City, UT 84115	
II. ACCOUNT INFORMATION					
Account Name:				Patrick Noteboom	
Sample Questions- Dan Dean RMC- 801-255-2626				Phone # (801) 750-2585	
TAT: 15-Day				Fax (801)-263-8687	
P.O. No: Richardson Flat 003					
III. REPORT INSTRUCTIONS					
Report Results To: KERRY GEE- UPCM AND DAN DEAN - RMC FAX-255-3266				INCLUDE EDD	
Report Address: PO BOX 1450 PARK CITY UT 84060 AND DAN DEAN, RMC, 8138 S. STATE ST., STE 2A, MIDVALE UT 84047					
Please Forward Results By: US Mail (X) Fed Ex () Fax () Email dan@rmc-ut.com					
Services Requested below are required no later than (date)					
IV. TYPE OF SERVICE REQUESTED					
Please analyze the enclosed environmental samples for:					
Lab Use Only Lab No.	Field Sample No./Description	Sampling Date & Time	No. of Cont.	Analysis Requested	
20	003-0-SW-SCRFR	11/12/14 0954	5	See attached list	
21	003-0-SW-URTFB *	1120			
22	003-0-SW-MRUBP	1245			
23	003-0-SW-SCBOU4	1342			
24	003-0-SW-SCAOU4	1424			
25	003-9-SW-SCURTFB	1125			
26					
notes: For water samples, Cd detection limits must be <0.0008 ppm and all detection limits should be as low as practical.					
V. CHAIN OF CUSTODY RECORD					
Dispatched by:		Date	Time	Courier Co. Name	
Relinquished by: Maggi Trimble		Date 11/12/14	Time 1603	Airbill #	
Received by: Selma Hys		Date 11/12/14	Time 1603	Custody Seal Intact?	
Received for lab by:		Date	Time	Yes No	

* 003-0-SW-SCURTFB

mc 12/30/14

per email from Lyndsey Fox

TABLE 3-1
Summary of Laboratory Analysis, Methods, and Bottles
Richardson Flat OU2 and OU3
Field Sampling Plan

Media	Parameters	Analytical Method	Container	Volume	Temperature ¹	Preservative	Hold Days
SURFACE WATER	Metals (Total and Dissolved):	SW846 6020A or 200.8	Polyethylene	Bottle 1, 2	0 - 6° C	HNO ₃	180
	- Aluminum						
	Antimony						
	Arsenic						
	Barium						
	Beryllium						
	Cadmium						
	Chromium						
	Cobalt						
	Copper						
	- Iron						
	Lead						
	Manganese						
	Nickel						
	Selenium						
	Silver						
	Thallium						
	- Vanadium						
	- Zinc						
	Mercury	SW846 7470A	28				
	- Calcium	SW846 6020A	180				
	- Magnesium						
	- Potassium						
- Sodium							
Hardness	SM2340B (calculation)	N/A	N/A	N/A	N/A	N/A	
Phosphorus	SM4500(P)B/F	Polyethylene	Bottle 3	0 - 6°C	HNO ₃	28	
Total Suspended Solids	SM2540D	Polyethylene	Bottle 4	0 - 6°C	None	7	
Nitrate	E353.2 for nitrate or E300.0					2	
Chloride						28	
Sulfate						28	
Alkalinity						SM2420B	14
Total Dissolved Solids						SM2540C	7

Lab Set ID: 141184

DB 11/12/14

Samples Were:	COC Tape Was:	Container Type:	No. Rec.
<input type="checkbox"/> Shipped By:	Present on Outer Package	<input type="checkbox"/> AWAL Supplied Plastic	
<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied Clear Glass	
<input type="checkbox"/> Ambient	Unbroken on Outer package	<input type="checkbox"/> AWAL Supplied Amber Glass	
<input checked="" type="checkbox"/> Chilled	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> AWAL Supplied VOA/TOC/TOX Vials	
Temperature <u>3.6</u> °C	Present on Sample	<input type="checkbox"/> Amber <input type="checkbox"/> Clear <input type="checkbox"/> Headspace <input type="checkbox"/> No Headspace	
Rec. Broken/Leaking <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Non AWAL Supplied Container	
Notes:	Unbroken on Sample	Notes:	
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
Properly Preserved <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Notes:		
Notes:			
Rec. Within Hold <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Discrepancies Between Labels and COC	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Notes:		Notes:	

Bottle Type	Preservative	All pHs OK	-020	-021	-022	-023	-024	-025										
Ammonia	pH <2 H ₂ SO ₄																	
COD	pH <2 H ₂ SO ₄																	
Cyanide	pH >12 NaOH																	
Metals	pH <2 HNO ₃		yes	yes	yes	yes	yes	yes										
NO ₂ & NO ₃	pH <2 H ₂ SO ₄																	
Nutrients	pH <2 H ₂ SO ₄																	
O & G	pH <2 HCL																	
Phenols	pH <2 H ₂ SO ₄																	
Sulfide	pH > 9NaOH, ZnAC																	
TKN	pH <2 H ₂ SO ₄																	
TOC	pH <2 H ₃ PO ₄																	
T PO ₄	pH <2 H ₂ SO ₄		yes	yes	yes	yes	yes	yes										
TPH	pH <2 HCL																	

- Procedure:
- 1) Pour a small amount of sample in the sample lid
 - 2) Pour sample from Lid gently over wide range pH paper
 - 3) **Do Not** dip the pH paper in the sample bottle or lid
 - 4) If sample is not preserved properly list its extension and receiving pH in the appropriate column above
 - 5) Flag COC and notify client for further instructions
 - 6) Place client conversation on COC
 - 7) Samples may be adjusted at client request